

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT				
APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER FD FEDERAL 12-15-6-19				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT UNDESIGNATED				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME OF OPERATOR BILL BARRETT CORP						7. OPERATOR PHONE 303 312-8164				
8. ADDRESS OF OPERATOR 1099 18th Street Ste 2300, Denver, CO, 80202						9. OPERATOR E-MAIL BHilgers@billbarrettcorp.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU85768			11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		2126 FSL 784 FWL		NWSW	15	6.0 S	19.0 E	S		
Top of Uppermost Producing Zone		2126 FSL 784 FWL		NWSW	15	6.0 S	19.0 E	S		
At Total Depth		2126 FSL 784 FWL		NWSW	15	6.0 S	19.0 E	S		
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 784			23. NUMBER OF ACRES IN DRILLING UNIT 1232				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 3085			26. PROPOSED DEPTH MD: 12481 TVD: 12481				
27. ELEVATION - GROUND LEVEL 5185			28. BOND NUMBER WYB000040			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-11787				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	26	16	0 - 80	65.0	Unknown	8.7	No Used	0	0.0	0.0
SURF	12.25	9.625	0 - 2000	36.0	J-55 ST&C	9.4	Halliburton Light , Type Unknown	280	3.16	11.0
							Halliburton Premium , Type Unknown	210	1.36	14.8
PROD	7.875	5.5	0 - 12481	17.0	P-110 LT&C	9.5	Unknown	740	2.31	11.0
							Unknown	890	1.42	13.5
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Brady Riley				TITLE Permit Analyst			PHONE 303 312-8115			
SIGNATURE				DATE 04/17/2013			EMAIL briley@billbarrettcorp.com			
API NUMBER ASSIGNED 43047537170000				APPROVAL Permit Manager						

DRILLING PLAN
BILL BARRETT CORPORATION

FD Federal 12-15-6-19

Lot 8, NWSW, 2126' FSL and 784' FWL, Section 15, T6S – R19E, SLB&M, Uintah Cty, UT

1 - 2. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

<u>Formation</u>	<u>Depth</u>
Uinta	1596'
Green River	5111'
Mahogany	6741'
TGR3	7966'
Douglas Creek	8161'
Black Shale	8551'
Castle Peak	8561'
Wasatch	9481'
TD	12481'

Members of the Wasatch and the Lower Green River are primary objectives for oil/gas.

Base of Moderately Saline Water: 5191'

3. BOP and Pressure Containment Data

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 2000'	No pressure control required (may pre-set 9-5/8" will smaller rig)
2000' – TD	11" 5000# Ram Type BOP 11" 5000# Annular BOP
<ul style="list-style-type: none"> - Drilling spool to accommodate choke and kill lines; - Ancillary equipment and choke manifold rated at 5,000 psi. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2; - The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests. - BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up To operate most efficiently in this manner. 	

4. Casing Program

<u>Hole Size</u>	<u>SETTING DEPTH</u>		<u>Casing Size</u>	<u>Casing Weight</u>	<u>Casing Grade</u>	<u>Thread</u>	<u>Condition</u>
26"	Surface	80'	16"	65#			
12 1/4"	Surface	2000'	9 5/8"	36#	J or K 55	ST&C	New
7 7/8"	Surface	TD	5 1/2"	17#	P-110	LT&C	New

NOTE: May pre-set 9-5/8" surface casing with spudder rig. See Appendix A below.

5. Cementing Program

16" Conductor Casing	Grout
9 5/8" Surface Casing	Lead: 280 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft ³ /sx) circulated to surface with 75% excess. TOC @ Surface

Bill Barrett Corporation
Drilling Program
FD Federal #12-15-6-19
Uintah County, Utah

	Tail: 210 sx Halliburton Premium Plus cement with additives mixed at 14.8 ppg (yield = 1.36 ft ³ /sx), calculated hole volume with 75% excess. TOC @ 1,500'
5 ½" Production Casing	Lead: 740 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft ³ /sx). TOC @ 1,500' Tail: 890 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft ³ /sx). Top of cement to be determined by log and sample evaluation; estimated TOC @ 8051'

6. Mud Program

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u> <u>(API filtrate)</u>	<u>Remarks</u>
0' – 80'	8.3 – 8.7	26 – 36	NC	Air/Mist/Freshwater Spud Mud Fluid System
80' – 2000'	9.2 – 9.4	26 – 36	NC	Freshwater Spud Mud Fluid System
2000' – TD	9.4 – 9.5	42-52	25 cc or less	DAP Polymer Fluid System
Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.				

7. Testing, Logging and Core Programs

Cores	None anticipated
Testing	None anticipated; drill stem tests may be run on shows of interest;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	MWD as needed to land wellbore;
Logging	DIL-GR-SP, FDC-CNL-GR-CALIPER-Pe-Microlog, Sonic-GR (all TD to surface). FMI & Sonic Scanner to be run at geologist's discretion.
NOTE: If BBC pursues the "Alternate" program, a suite of the above logs will be run on both the intermediate and production hole sections.	

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 6343 psi* and maximum anticipated surface pressure equals approximately 3518 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

**Maximum surface pressure = A – (0.22 x TD)

9. Auxiliary Equipment

- Upper kelly cock; lower Kelly cock will be installed while drilling
- Inside BOP or stab-in valve (available on rig floor)

Bill Barrett Corporation
Drilling Program
FD Federal #12-15-6-19
Uintah County, Utah

- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

10. Location and Type of Water Supply

Water for the drilling and completion will be trucked from the Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W.

11. Drilling Schedule

Location Construction: March 2014
Spud: March 2014
Duration: 15 days drilling time
6 days completion time

12. Appendix A

If we pre-set the 9-5/8" casing on this well with a spudder rig, the following equipment shall be in place and operational during air/gas drilling:

- Blooie line discharge will be a minimum of 45' from well bore and securely anchored
- Mud circulating equipment and a minimum of 200 bbls of water will be on location (Volume sufficient to maintain the capacity of the hole and circulating tanks or pits).
- No igniter will be on blooie line while drilling the surface hole
- The spudder/air rig air compressor will be located on the rig



Bill Barrett Corporation

FORT DUSHESNE CEMENT VOLUMES

Well Name: FD Federal 12-15-6-19

Surface Hole Data:

Total Depth:	2,000'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

Calculated Data:

Lead Volume:	822.1	ft ³
Lead Fill:	1,500'	
Tail Volume:	274.0	ft ³
Tail Fill:	500'	

Cement Data:

Lead Yield:	3.16	ft ³ /sk
% Excess:	75%	
Top of Lead:	0'	

Calculated # of Sacks:

# SK's Lead:	280
--------------	-----

Tail Yield:	1.36	ft ³ /sk
% Excess:	75%	
Top of Tail:	1,500'	

# SK's Tail:	210
--------------	-----

Production Hole Data:

Total Depth:	12,841'
Top of Cement:	1,500'
Top of Tail:	8,051'
OD of Hole:	7.875"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	1702.5	ft ³
Lead Fill:	6,551'	
Tail Volume:	1244.9	ft ³
Tail Fill:	4,790'	

Cement Data:

Lead Yield:	2.31	ft ³ /sk
Tail Yield:	1.42	ft ³ /sk
% Excess:	50%	

Calculated # of Sacks:

# SK's Lead:	740
# SK's Tail:	890

FD Federal 12-15-6-19 Proposed Cementing Program

<u>Job Recommendation</u>	<u>Surface Casing</u>
Lead Cement - (1500' - 0')	
Halliburton Light Premium	Fluid Weight: 11.0 lbm/gal
5.0 lbm/sk Silicalite Compacted	Slurry Yield: 3.16 ft ³ /sk
0.25 lbm/sk Kwik Seal	Total Mixing Fluid: 19.48 Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid: 0'
2.0% Bentonite	Calculated Fill: 1,500'
	Volume: 146.41 bbl
	Proposed Sacks: 280 sks
Tail Cement - (TD - 1500')	
Premium Cement	Fluid Weight: 14.8 lbm/gal
2.0% Calcium Chloride	Slurry Yield: 1.36 ft ³ /sk
	Total Mixing Fluid: 6.37 Gal/sk
	Top of Fluid: 1,500'
	Calculated Fill: 500'
	Volume: 48.80 bbl
	Proposed Sacks: 210 sks

<u>Job Recommendation</u>	<u>Production Casing</u>
Lead Cement - (8051' - 1500')	
Tuned Light™ System	Fluid Weight: 11.0 lbm/gal
	Slurry Yield: 2.31 ft ³ /sk
	Total Mixing Fluid: 10.65 Gal/sk
	Top of Fluid: 1,500'
	Calculated Fill: 6,551'
	Volume: 303.20 bbl
	Proposed Sacks: 740 sks
Tail Cement - (12841' - 8051')	
Econocem™ System	Fluid Weight: 13.5 lbm/gal
0.125 lbm/sk Poly-E-Flake	Slurry Yield: 1.42 ft ³ /sk
1.0 lbm/sk Granulite TR 1/4	Total Mixing Fluid: 6.61 Gal/sk
	Top of Fluid: 8,051'
	Calculated Fill: 4,790'
	Volume: 221.72 bbl
	Proposed Sacks: 890 sks

PRESSURE CONTROL EQUIPMENT – Schematic Attached

A. Type: Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer. The blow out preventer will be equipped as follows:

1. One (1) blind ram (above).
2. One (1) pipe ram (below).
3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
4. 3-inch diameter choke line.
5. Two (2) choke line valves (3-inch minimum).
6. Kill line (2-inch minimum).
7. Two (2) chokes with one (1) remotely controlled from the rig floor.
8. Two (2) kill line valves, and a check valve (2-inch minimum).
9. Upper and lower kelly cock valves with handles available.
10. Safety valve(s) & subs to fit all drill string connections in use.
11. Inside BOP or float sub available.
12. Pressure gauge on choke manifold.
13. Fill-up line above the uppermost preventer.

B. Pressure Rating: 5,000 psi

C. Testing Procedure:

Annular Preventer

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

1. When the annular preventer is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be

maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

E. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the *Onshore Oil & Gas Order Number 2*.

A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems will be capable of closing all preventers. Remote controls for 5M or greater systems will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

F. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

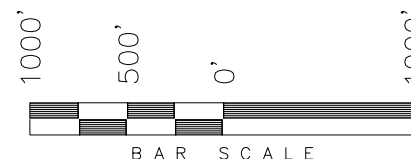
A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

CONFIDENTIAL

WEST - 5280.00' (G.L.O.)

BILL BARRETT CORPORATION

WELL LOCATION, **FD Federal 12-15-6-19**
LOCATED AS SHOWN IN THE NW 1/4
SW 1/4 (LOT 8) OF SECTION 15,
T6S, R19E, S.L.B.&M. UINTAH
COUNTY, UTAH.



NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST
OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
12-10-11
STACY W. STEWART
STATE OF OREGON

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 10-28-11	SURVEYED BY: C.D.S.
DATE DRAWN: 12-02-11	DRAWN BY: M.W.
REVISED: 12-10-11 - M.W.	SCALE: 1" = 1000'

BASIS OF ELEV; Elevations are base on
LOCATION: an N.G.S. OPUS Correction.
LAT. 40°16'17.95" LONG. 109°35'59.22"
(Tristate Aluminum Cap) Elev. 4843.21'

NAD 83 (SURFACE LOCATION)	
LATITUDE =	40°17'48.00" (40.296667)
LONGITUDE =	109°46'33.27" (109.775908)
NAD 27 (SURFACE LOCATION)	
LATITUDE =	40°17'48.14" (40.296706)
LONGITUDE =	109°46'30.75" (109.775209)

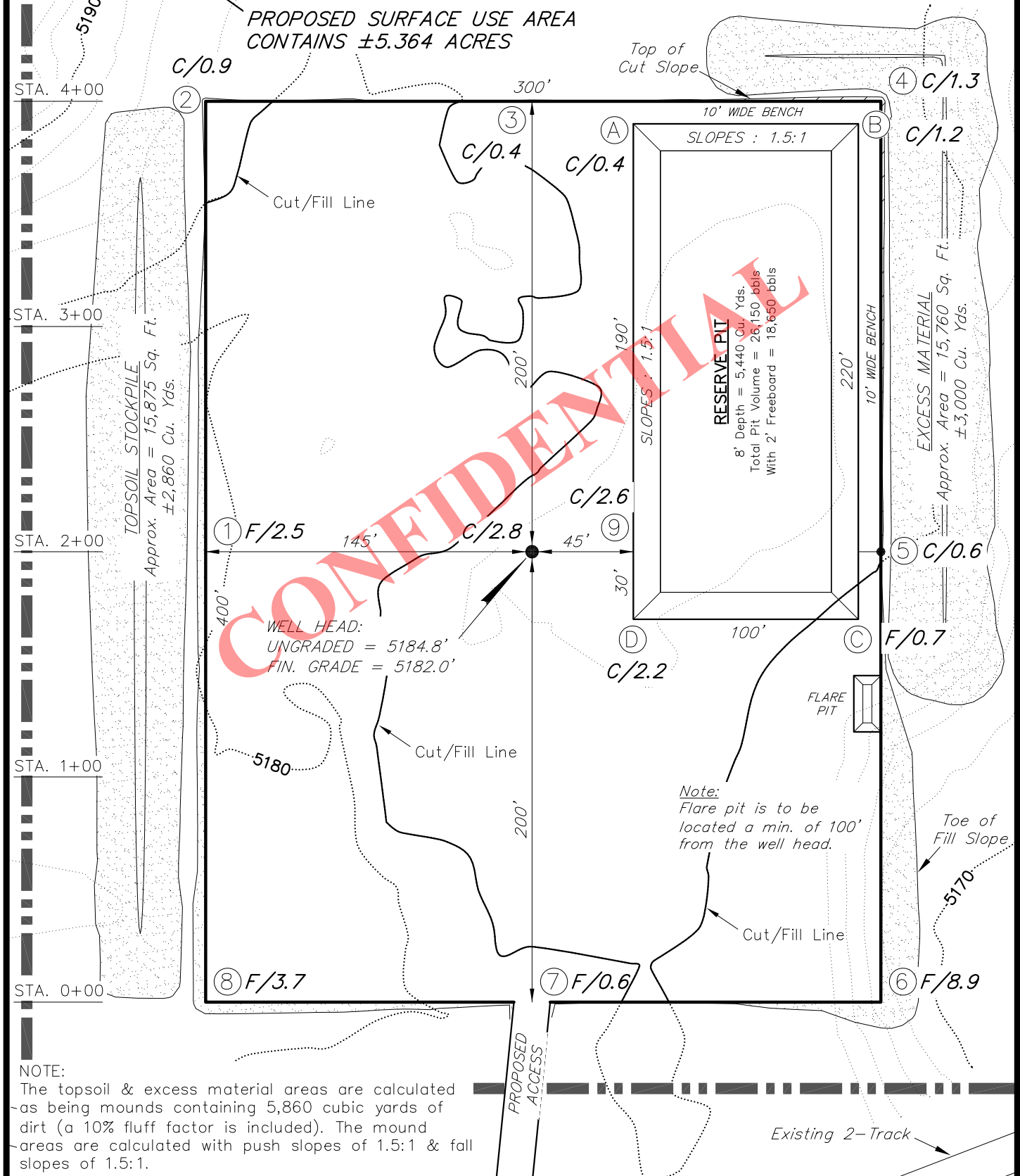
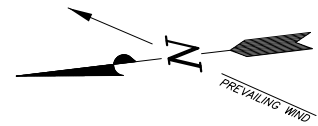
 = SECTION CORNERS LOCATED

RECEIVED: April 17, 2013

LOCATION LAYOUT

FD Federal 12-15-6-19

Section 15, T6S, R19E, S.L.B.&M.



NOTE:

The topsoil & excess material areas are calculated as being mounds containing 5,860 cubic yards of dirt (a 10% fluff factor is included). The mound areas are calculated with push slopes of 1.5:1 & fall slopes of 1.5:1.

SURVEYED BY: C.D.S.	DATE SURVEYED: 10-28-11
DRAWN BY: M.W.	DATE DRAWN: 12-02-11
SCALE: 1" = 60'	REVISED:

Tri State (4)
Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

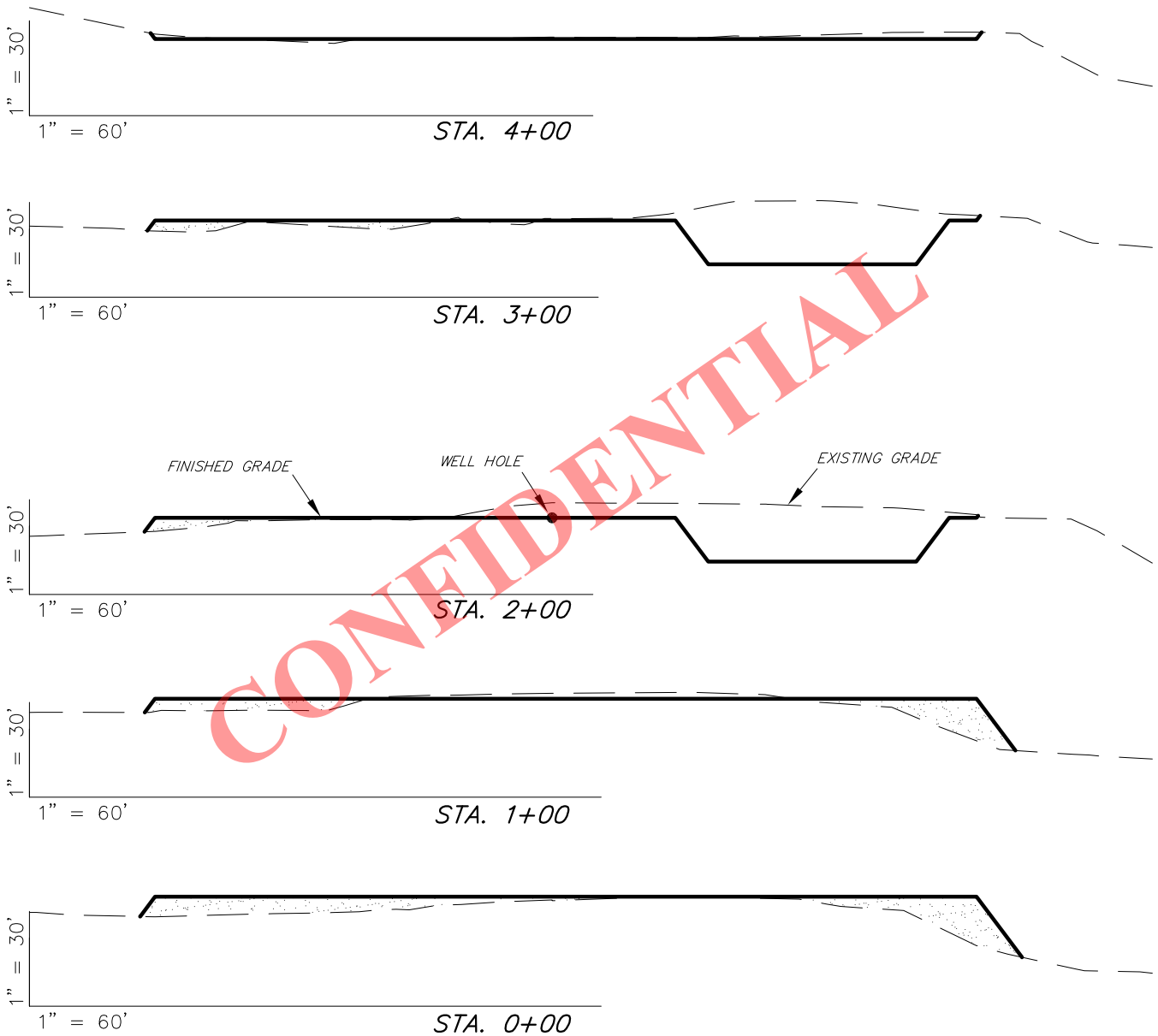
SHEET
2

RECEIVED: April 17, 2013

BILL BARRETT CORPORATION

FIGURE #2

TYPICAL CROSS SECTIONS

FD Federal 12-15-6-19
Section 15, T6S, R19E, S.L.B.&M.

NOTES:

1.) UNLESS OTHERWISE NOTED CUT SLOPES ARE AT 1:1 & FILL SLOPES ARE AT 1.5:1.

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,290	5,010	Topsoil is not included in Pad Cut	-2,720
PIT	5,440	0		5,440
TOTALS	7,730	5,010	2,600	2,720

SURVEYED BY: C.D.S.	DATE SURVEYED: 10-28-11
DRAWN BY: M.W.	DATE DRAWN: 12-02-11
SCALE: 1" = 60'	REVISED:

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

SHEET
3

RECEIVED: April 17, 2013

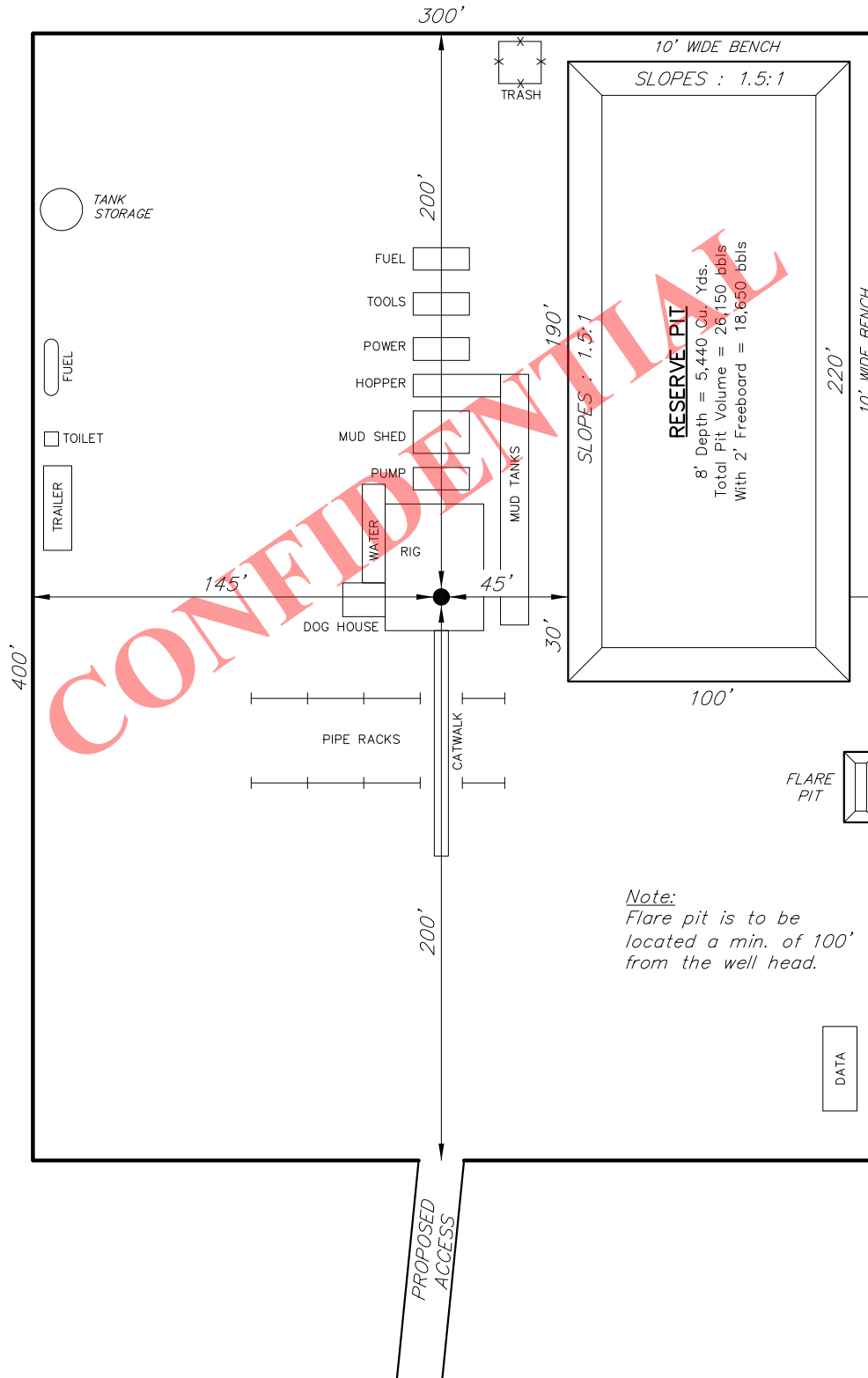
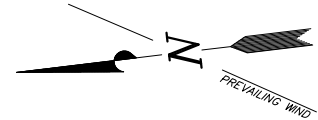
BILL BARRETT CORPORATION

TYPICAL RIG LAYOUT

FD Federal 12-15-6-19

Section 15, T6S, R19E, S.L.B.&M.

FIGURE #3



SURVEYED BY: C.D.S.	DATE SURVEYED: 10-28-11
DRAWN BY: M.W.	DATE DRAWN: 12-02-11
SCALE: 1" = 60'	REVISED:

Tri State
 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078
 (435) 781-2501

SHEET
 4

RECEIVED: April 17, 2013

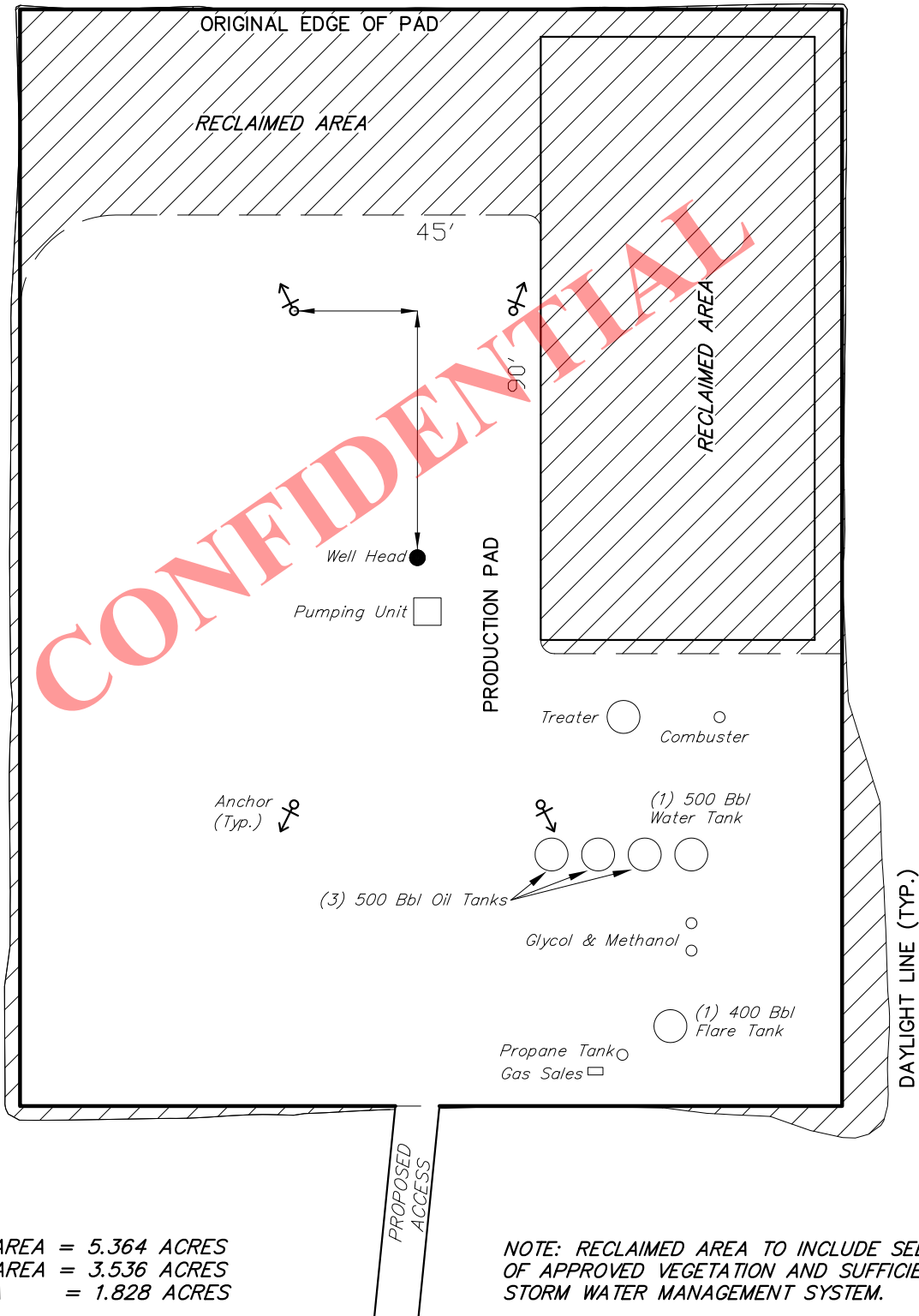
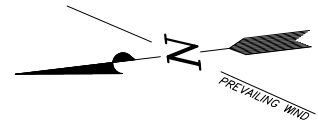
BILL BARRETT CORPORATION

INTERIM RECLAMATION PLAN

FD Federal 12-15-6-19

Section 15, T6S, R19E, S.L.B.&M.

FIGURE #4

DISTURBED AREA:

TOTAL DISTURBED AREA = 5.364 ACRES

TOTAL RECLAIMED AREA = 3.536 ACRES

UNRECLAIMED AREA = 1.828 ACRES

NOTE: RECLAIMED AREA TO INCLUDE SEEDING
OF APPROVED VEGETATION AND SUFFICIENT
STORM WATER MANAGEMENT SYSTEM.

SURVEYED BY: C.D.S.	DATE SURVEYED: 10-28-11
DRAWN BY: M.W.	DATE DRAWN: 12-02-11
SCALE: 1" = 60'	REVISED:

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

SHEET
5

RECEIVED: April 17, 2013

Access Road Map

Proposed Location
FD Federal
12-15-6-19

See Topo "B"

Legend

- Existing Road
- Existing 2-Track To be Upgraded (30' Wide R-O-W)
- Proposed Road (30' Wide R-O-W)



Tri State
Land Surveying, Inc.

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518

DRAWN BY:	J.A.S.	REVISED:	12-07-12 A.P.C.
DATE:	12-05-2011		
SCALE:	1:100,000		

**BILL BARRETT CORPORATION**

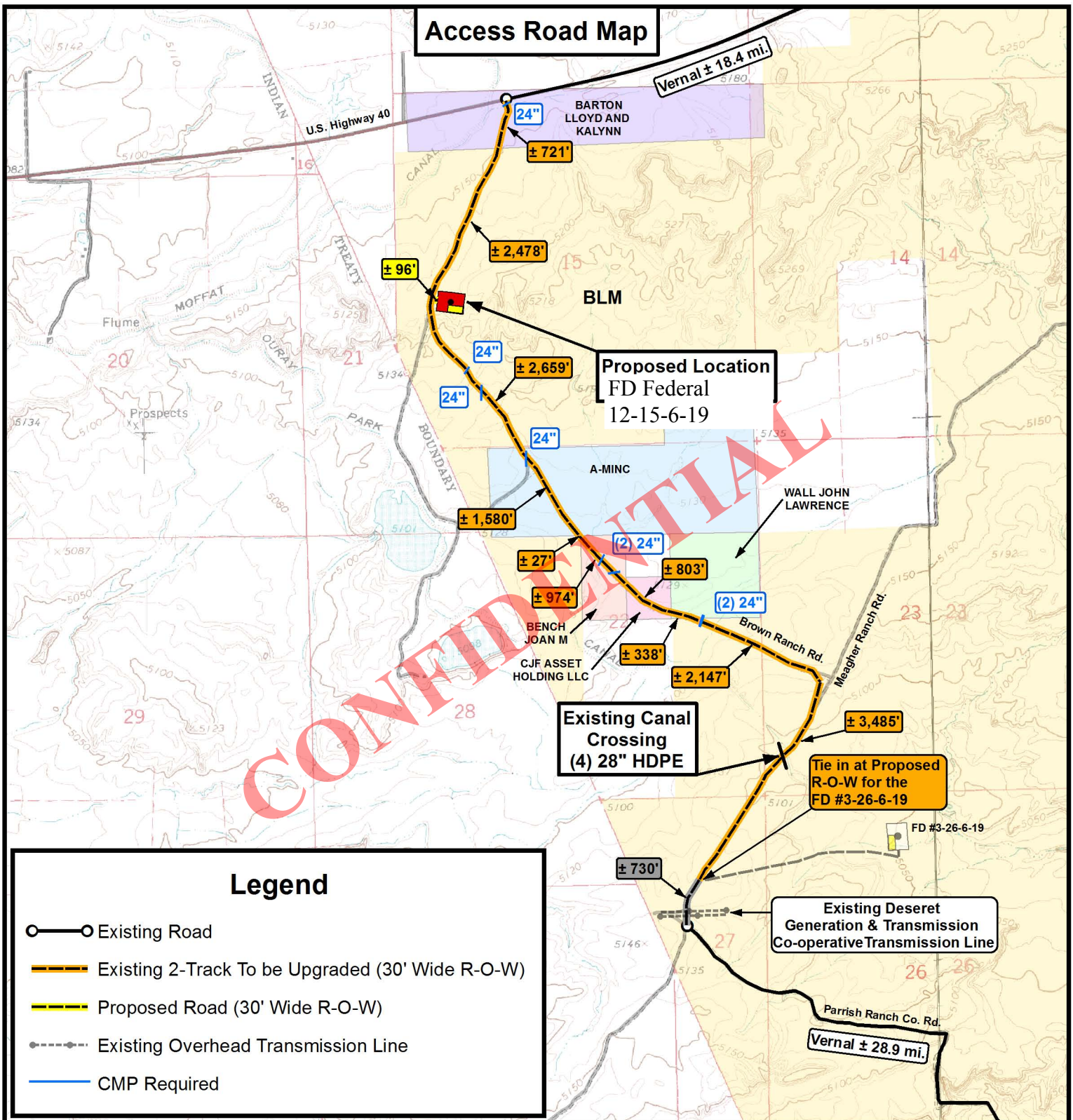
FD Federal 12-15-6-19
SEC. 15, T6S, R19E, S.L.B.&M.
Uintah County, UT.

TOPOGRAPHIC MAP

SHEET

A

Access Road Map



TOTAL PROPOSED ROAD DISTANCE: ± 15,308'

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



**Tri State
Land Surveying, Inc.**

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518

**BILL BARRETT CORPORATION**

FD Federal 12-15-6-19
SEC. 15, T6S, R19E, S.L.B.&M.
Uintah County, UT.

DRAWN BY:	J.A.S.	REVISED:	12-07-12 A.P.C.
DATE:	12-05-2011		
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET

B

Proposed Pipeline Map

Proposed Location
FD Federal
12-15-6-19

BLM

A-MINC

WALL JOHN
LAWRENCEBENCH
JOAN MCJF ASSET
HOLDING LLC

Brown Ranch Rd.

Meagher Ranch Rd.

Parrish Ranch Co. Rd.

Legend

- Existing Roads
- Proposed Pipeline (50' wide R-O-W)

TOTAL PIPELINE DISTANCE: ± 10839'

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518



BILL BARRETT CORPORATION

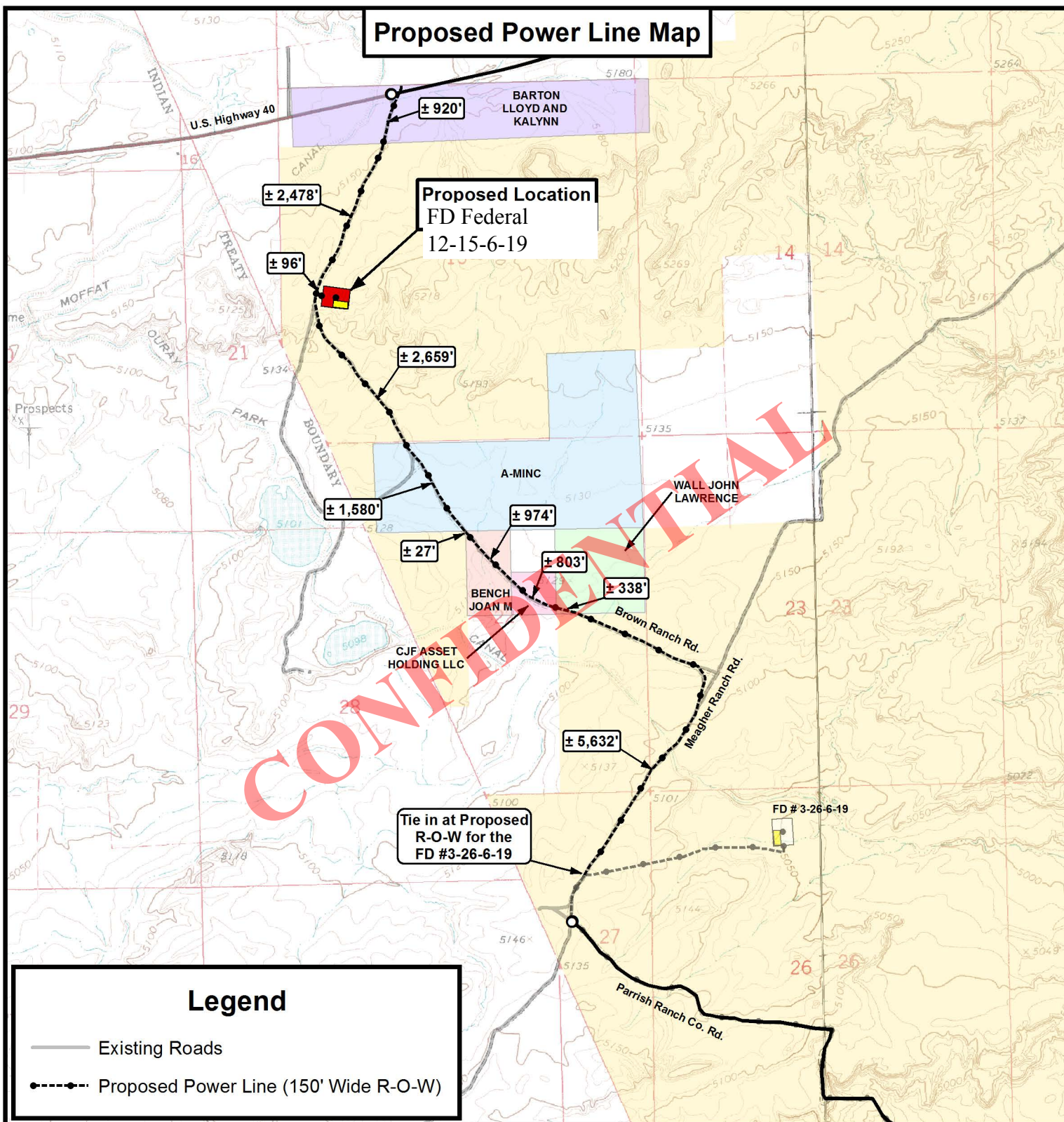
FD Federal 12-15-6-19
SEC. 15, T6S, R19E, S.L.B.&M.
Uintah County, UT.

DRAWN BY:	J.A.S.	REVISED:	12-07-12 A.P.C.
DATE:	12-05-2011		
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET

C

Proposed Power Line Map**TOTAL POWER LINE DISTANCE: ± 15,507'**

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



**Tri State
Land Surveying, Inc.**

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518

**BILL BARRETT CORPORATION**

FD Federal 12-15-6-19
SEC. 15, T6S, R19E, S.L.B.&M.
Uintah County, UT.

DRAWN BY:	J.A.S.	REVISED:	12-07-12 A.P.C.
DATE:	12-05-2011		
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET

D

Location Photos

Center Stake

Looking Northerly

Date Photographed: 10/28/2011

Photographed By : D. Slaugh



Access

Looking Easterly

Date Photographed: 10/28/2011

Photographed By : D. Slaugh



Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518

DRAWN BY: J.A.S. REVISED: 12-07-2012 A.P.C.
DATE: 12-05-2011

BILL BARRETT CORPORATION

FD Federal 12-15-6-19
SEC. 15, T6S, R19E, S.L.B.&M.
Uintah County, UT.

COLOR PHOTOGRAPHS

SHEET

P

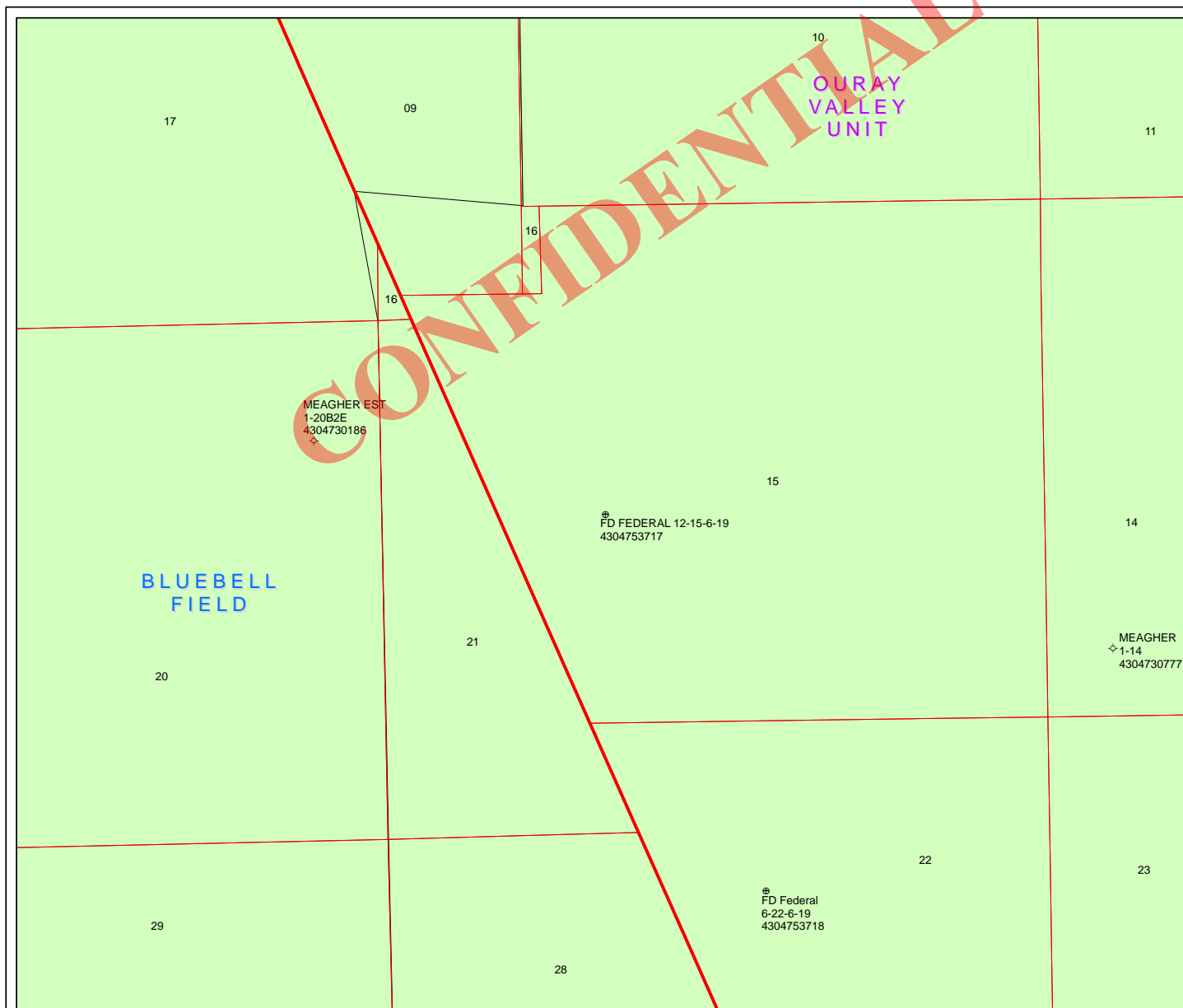
BILL BARRETT CORPORATION

FD Federal 12-15-6-19

SECTION 15, T6S, R19E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 13.9 MILES TO THE JUNCTION OF STATE HIGHWAY 88 TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 7.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY THENCE WESTERLY DIRECTION APPROXIMATELY 3.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD (PARISH RANCH ROAD) TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION FOR APPROXIMATELY 1.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; STAY LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 2.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING 2-TRACK TO BE UPGRADED (MEAGHER RANCH ROAD) TO THE NORTH; TURN RIGHT AND PROCEED NORTHERLY DIRECTION APPROXIMATELY 4,215' (± 0.8 MILES) TO THE JUNCTION OF THIS ROAD AND AN EXISTING 2-TRACK TO BE UPGRADED (BROWN RANCH ROAD) TO THE NORTHWEST; TURN LEFT AND PROCEED NORTHWESTERLY APPROXIMATELY 8,528' (± 1.6 MILES) TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE FD #12-15-6-19. FOLLOW ROAD FLAGS IN AN EASTERLY DIRECTION APPROXIMATELY 96' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 31.2 MILES

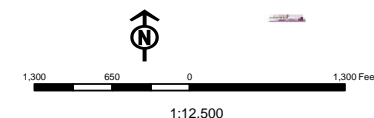
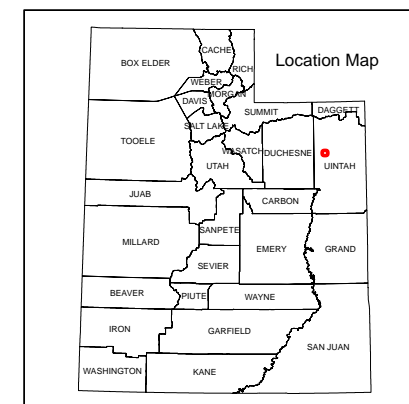


API Number: 4304753717
Well Name: FD FEDERAL 12-15-6-19
Township T06.0S Range R19.0E Section 15
Meridian: SLBM
Operator: BILL BARRETT CORP

Map Prepared:
 Map Produced by Diana Mason

Units	
STATUS	
ACTIVE	
EXPLORATORY	
GAS STORAGE	
NF PP OIL	
NF SECONDARY	
PI OIL	
PP GAS	
PP GEOTHERMAL	
PP OIL	
SECONDARY	
TERMINATED	

Fields	
STATUS	
Unknown	
ABANDONED	
ACTIVE	
COMBINED	
INACTIVE	
STORAGE	
TERMINATED	



WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 4/17/2013

API NO. ASSIGNED: 43047537170000

WELL NAME: FD FEDERAL 12-15-6-19

OPERATOR: BILL BARRETT CORP (N2165)

PHONE NUMBER: 303 312-8115

CONTACT: Brady Riley

PROPOSED LOCATION: NWSW 15 060S 190E

Permit Tech Review: ☒

SURFACE: 2126 FSL 0784 FWL

Engineering Review: ☐

BOTTOM: 2126 FSL 0784 FWL

Geology Review: ☒

COUNTY: UINTAH

LATITUDE: 40.29662

LONGITUDE: -109.77282

UTM SURF EASTINGS: 604044.00

NORTHINGS: 4461405.00

FIELD NAME: UNDESIGNATED

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU85768

PROPOSED PRODUCING FORMATION(S): GREEN RIVER(LWR)-WASATCH

SURFACE OWNER: 1 - Federal

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

LOCATION AND SITING:

☒ PLAT☐ R649-2-3.☒ Bond: FEDERAL - WYB000040

Unit:

☐ Potash☐ R649-3-2. General☐ Oil Shale 190-5☐ R649-3-3. Exception☐ Oil Shale 190-3☐ Oil Shale 190-13☒ Drilling Unit☒ Water Permit: 43-11787

Board Cause No: Cause 139-42

☐ RDCC Review:

Effective Date: 4/17/1985

☐ Fee Surface Agreement

Siting: 660' Fr Ext U Bdry & 1320' Fr Other Wells

☐ Intent to Commingle☐ R649-3-11. Directional Drill

Commingle Approved

Comments: Presite Completed
IRR SEC:

Stipulations: 4 - Federal Approval - dmason

RECEIVED: April 30, 2013



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: FD FEDERAL 12-15-6-19

API Well Number: 43047537170000

Lease Number: UTU85768

Surface Owner: FEDERAL

Approval Date: 4/30/2013

Issued to:

BILL BARRETT CORP, 1099 18th Street Ste 2300, Denver, CO 80202

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-42. The expected producing formation or pool is the GREEN RIVER(LWR)-WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at <http://oilgas.ogm.utah.gov>

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read "J. Rogers", written over a horizontal line.

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU89382
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: FD FEDERAL 12-15-6-19
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2126 FSL 0784 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 15 Township: 06.0S Range: 19.0E Meridian: S		9. API NUMBER: 43047537170000
PHONE NUMBER: 303 312-8134 Ext		9. FIELD and POOL or WILDCAT: UNDESIGNATED
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/7/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. BBC is submitting this sundry to notify UDOGM that this well has a new lease number: UTU89382. Please update records to reflect this new lease number.		
NAME (PLEASE PRINT) Brady Riley		PHONE NUMBER 303 312-8115
SIGNATURE N/A		TITLE Permit Analyst
DATE 5/7/2013		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 07, 2013

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU89382
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: FD FEDERAL 12-15-6-19
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2126 FSL 0784 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 15 Township: 06.0S Range: 19.0E Meridian: S		9. API NUMBER: 43047537170000
PHONE NUMBER: 303 312-8134 Ext		9. FIELD and POOL or WILDCAT: UNDESIGNATED
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 4/30/2015 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between; align-items: flex-start; padding-top: 20px;"> <div style="width: 60%;"> <p style="font-size: 1.2em; margin: 0;">BBC hereby requests a one year extension for APD.</p> </div> <div style="width: 35%; text-align: right;"> <p style="color: red; font-weight: bold; margin: 0;">Approved by the Utah Division of Oil, Gas and Mining</p> <p style="color: red; font-weight: bold; margin: 0;">Date: March 25, 2014</p> <p style="color: red; font-weight: bold; margin: 0;">By: </p> </div> </div>		
NAME (PLEASE PRINT) Christina Hirtler		PHONE NUMBER 303 312-8597
SIGNATURE N/A		TITLE Administrative Assistant
DATE 3/24/2014		



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047537170000

API: 43047537170000

Well Name: FD FEDERAL 12-15-6-19

Location: 2126 FSL 0784 FWL QTR NWSW SEC 15 TWNP 060S RNG 190E MER S

Company Permit Issued to: BILL BARRETT CORP

Date Original Permit Issued: 4/30/2013

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Christina Hirtler

Date: 3/24/2014

Title: Administrative Assistant Representing: BILL BARRETT CORP

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUN 04 2013

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER

BLM

5. Lease Serial No.
UTU89382

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.

8. Lease Name and Well No.
FD 12-15-6-19

9. API Well No.

43-047-23717

10. Field and Pool, or Exploratory
WILDCAT

11. Sec., T., R., M., or Blk. and Survey or Area

Sec 15 T6S R19E Mer SLB
SME: BLM

12. County or Parish
UINTAH

13. State
UT

17. Spacing Unit dedicated to this well

40.00

20. BLM/BIA Bond No. on file

WYB000040

23. Estimated duration
21 D&C

CONFIDENTIAL

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone

2. Name of Operator
BILL BARRETT CORPORATION
Contact: BRADY RILEY
E-Mail: briley@billbarrettcorp.com

3a. Address
1099 18TH STREET SUITE 2300
DENVER, CO 80202

3b. Phone No. (include area code)
Ph: 303-312-8115

4. Location of Well (Report location clearly and in accordance with any State requirements. *)

At surface Lot 8 2126FSL 784FWL 40.296667 N Lat, 109.775908 W Lon
At proposed prod. zone Lot 8 2126FSL 784FWL 40.296667 N Lat, 109.775908 W Lon

14. Distance in miles and direction from nearest town or post office*
31.2 MILES TO VERNAL, UT

15. Distance from proposed location to nearest property or
lease line, ft. (Also to nearest drig. unit line, if any)
784' LEASE LINE

16. No. of Acres in Lease
947.59

18. Distance from proposed location to nearest well, drilling,
completed, applied for, on this lease, ft.
3085'

19. Proposed Depth
12481 MD
12481 TVD

21. Elevations (Show whether DF, KB, RT, GL, etc.)
5185 GL

22. Approximate date work will start
03/01/2014

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature
(Electronic Submission)

Name (Printed/Typed)
BRADY RILEY Ph: 303-312-8115

Date
05/30/2013

Title
PERMIT ANALYST

Approved by (Signature)

Name (Printed/Typed)

Jerry Kenczka

Date
JAN 30 2014

Title
Assistant Field Manager
Lands & Mineral Resources

Office

VERNAL FIELD OFFICE

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #209025 verified by the BLM Well Information System
For BILL BARRETT CORPORATION, sent to the Vernal
Committed to AFMSS for processing by JOHNETTA MAGEE on 06/11/2013 (13JM0399AE)

RECEIVED

MAR 26 2014

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING

UDOGM

CONDITIONS OF APPROVAL ATTACHED

BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

12 ERH 4335 AE

nos 9/11/12

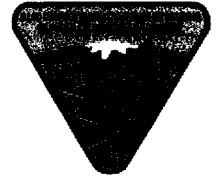


UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	Bill Barrett Corporation	Location:	Lot 8, Sec 15, T6S R19E
Well No:	FD 12-15-6-19	Lease No:	UTU-89682
API No:	43-047-53717	Agreement:	N/A

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings to: blm_ut_vn_opreport@blm.gov
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

CONDITIONS OF APPROVAL:

Paleontological Resources

- **A paleontological monitor would be required to spot check any bedrock disturbance associated with the proposed FD Federal 9-14-6-19, FD Federal 12-15-6-19, FD Federal 6-22-6-19, FD Federal 9-23-6-19, FD Federal 3-24-6-19 and the FD Federal 3-25-6-19 well pads and access road corridors.**

Air Quality

- Members of the construction crew would be encouraged to car pool to and from the surrounding cities and towns as practicable to minimize vehicle-related emissions.
- No open burning of garbage or refuse at wells site or other facilities would be allowed.
- During hot, dry and/or windy conditions, water or other approved dust suppressants would be used at construction sites and along roads, as determined appropriate by the Authorized Officer.
- Open burning of garbage or refuse would not occur at well sites or other facilities.
- Drill rigs would be equipped with Tier II or better diesel engines.
- Phase II water lines would be installed and buried to reduce incidents of freezing and to reduce the number of water-hauling trucks that could contribute to fugitive dust conditions.
- Where practicably feasible, well site telemetry would be installed to remotely monitor and control production.
- Power lines would be installed where possible, except where topographic features preclude installation of power lines. In addition, the ability to utilize electric power also requires that sufficient power capacity and infrastructure is readily available in the immediate area, including appropriate ROWs. Low bleed pneumatics would be installed on separator dump valves and other controllers.
- During completion, venting and flaring would be limited as much as possible. Production equipment and gathering lines would be installed as soon as possible.
- When feasible, two (2) or more rigs (including drilling and completion rigs) would not be run simultaneously within 200 meters of each other. If two (2) or more rigs must be run simultaneously within 200 meters of each other, then effective public health buffer zones out to 200 meters from the nearest emission source would be implemented. Examples of an effective public health protection buffer zone includes the demarcation of a public access exclusion zone by signage at intervals of every 250 feet that is visible from a distance of 125 feet during daylight hours, and a physical buffer

such as active surveillance to ensure the property is not accessible by the public during drilling operations. Alternatively, BBC may demonstrate compliance with the 1-hour NO₂ NAAQS with appropriate and accepted near-field modeling. As part of this, BBC may propose alternative mitigation that could include but is not limited to natural gas-fire drill rigs, installation of NO_x controls, time/use restriction, and/or drill rig spacing.

- All internal combustion equipment would be kept in good working order.
- All new and replacement spark-ignition natural gas-fired internal combustion engines would comply with the applicable emission limits found in Subpart JJJJ of the New Source Performance standards (40 CFR 60 subpart JJJJ).
- Green completions would be used for all well completion activities where technically feasible.
- Enhanced volatile organic compounds (VOCs) emission controls with 95 percent control efficiency would be employed on storage tanks having a potential to emit greater than five (5) tons per year (tpy) of VOC uncontrolled.
- Per the terms set out in the Consent Decree (Civil Action No. 2:09-CV-330 TS), approved by the EPA on November 13, 2009, BBC would commit to the following air quality protective measures listed below:
 - Dehydrator emissions from new oil and/or gas production facilities that exceed 20 tpy of VOCs would be controlled to achieve a 95 percent by weight or greater reduction of VOC or total hazardous air pollutant emissions.
 - All internal combustion equipment and emission capture, collection and pollution abatement equipment, including vent lines, connections, fittings, valves, relief valves, hatches and other appurtenances required would be maintained in good working order following manufacturer recommendations or best practices.
 - BBC would implement a fugitive inspection and repair program.
 - BBC would employ tank best management practices such as requiring thief and other tank hatches are to be closed after gauging and unloading activities, installing low emission hatches and maintaining valves in a leak-free condition.

Water Resources, Including Waters of the United States

- If springs are encountered and impacted during construction, the spring(s) would be protected, fenced, and repaired to pre-existing conditions at the direction of the BLM.
- If any work associated with construction of a proposed pipeline would require the placement of dredged or fill material in an existing wetland or would have the potential to alter the nature of existing water ways, the U.S. Army Corps of Engineers (USACE) would be notified by BBC in order to obtain the necessary permits or jurisdictional determinations pursuant to Section 404 of the Clean Water Act.
- Surface disturbance and placement of staging areas, fueling and maintenance areas, would be avoided within 330 feet from centerline of U.S. Geological Survey (USGS)-named drainages unless no other practical alternative exists.
- No excess material (e.g., soil, overburden, etc.) would be stored within mapped 100-year floodplains of USGS-named drainages; all excess material would be relocated to appropriate locations outside of 100-year floodplains within the project area.
- Construction activities at perennial or USGS-named drainage crossings (e.g., burying pipelines, installing culverts) would be timed to avoid high flow conditions. Construction that disturbs any flowing stream would utilize either a piped stream diversion or a cofferdam and pump to divert flow around the disturbed area.
- Culverts at drainage crossings would be designed and installed to pass a 25-year or greater storm event. On perennial and USGS-named intermittent streams, culverts would be designed to allow for passage of aquatic biota. The minimum culvert diameter in any installation for a drainage crossing or road drainage would be 24-inches. Due to the likelihood for flash flooding in the project

area's drainages and anticipated culvert maintenance, drainage crossings would be designed for the 100-year storm event.

- Pipelines installed beneath USGS-named drainages would be buried at a minimum depth of four (4) feet below the channel substrate to avoid exposure by channel scour and degradation. Following burial, the channel grade and substrate composition would be returned to pre-construction conditions.

Protection from Erosion

- New and existing roads would be constructed, updated, and maintained in accordance with the "Gold Book" (BLM-USFS 2007, as revised).
- No installation activity would be performed during periods when the soil is too wet to adequately support installation equipment. If such equipment creates ruts in excess of three (3) inches deep in straight line travel routes, the soil would be deemed too wet to adequately support the equipment, and installation activities would cease until drier or frozen conditions are encountered.
- After testing of the pipeline, stabilization barriers, water bars, silt fences, or other erosion control devices would be installed in the disturbed area. In areas where steep slopes occur, spoils would be bermed and water would be directed to rock armored turnouts to prevent down-slope erosion. Erosion blankets and hand seeding would also be used in these areas.
- Minimize placement of well pads on ridgelines or steep slopes that would result in excessive fill areas. If a well pad must be placed in such sites, site specific best management practices would be constructed and maintained to minimize erosion of the fill areas and increased sedimentation from such sites.
- All storage tanks containing produced water, or other fluids which may constitute a hazard to public health or safety, would be surrounded by a secondary means of containment for the entire contents of the tank, plus freeboard for precipitation, or to contain 110 percent of the capacity of the largest tank.
- Production facilities that have the potential to leak produced water, or other fluids which may constitute a hazard to public health or safety, would be placed within appropriate containment and/or diversionary structures to prevent spilled or leaking fluid from reaching ground or surface waters.
- Notice of any reportable spill or leakage would be reported per agency guidelines. Oral notice would be given as soon as possible, but within no more than 24 hours, and those oral notices would be confirmed in writing within 72 hours of any such occurrence.
- No oil, lubricant, or toxic substance would be intentionally drained onto the ground surface.
- Topsoil would be salvaged and stockpiled for later use. Topsoil stockpiles would be designed to maximize surface area in order to reduce impacts to soil microorganisms.
- Areas used for spoil storage would be stripped of topsoil before soil placement.
- Erosion protection and silt retention would be provided by the installation and maintenance of silt catchment dams, where needed as feasible. At all well pad locations, soil berms would be constructed to divert water runoff away from the drilling location.
- Reroute existing upslope drainages around proposed well pad locations and all topsoil and subsoil material stockpiles. Restore natural drainage routes as part of interim reclamation actions, if appropriate.
- Construct erosion control devices (i.e., riprap, weed-free straw bales, plant woody vegetation, etc.) at culvert outlets or as directed by the surface land owner. All such devices would be completed to retain natural water flows.

Existing Facilities and Rights-of-Way

- If the proposed access roads and/or pipeline corridors cross existing fences, all fences would be braced before being cut and a temporary gate would be installed. All fences would be restored to functional condition immediately after project completion.
- BBC would repair or replace any fences, cattle guards, gates, drift fences and natural barriers that are damaged as a result of implementation of the proposed project. Cattle guards would be the preferred method of livestock control on most road corridors where fences are crossed, unless otherwise directed by the surface landowner.

Fish and Wildlife, Including Special Status Animal Species

Big Game

- In order to reduce the potential for significant adverse impacts to big game populations, construction activity within mapped crucial habitat for big game species, (i.e., antelope or mule deer), as delineated by the Utah Division of Wildlife Resources (UDWR), may require site-specific consultation during select times of the year. Any decision to mitigate for a potential impact or to implement a restriction in crucial habitats would be determined by the BLM, or any time before construction begins. This restriction would not apply to maintenance and operation of existing facilities.
- Additional wildlife resource protection measures directed at protecting identified big game wildlife corridors would be considered. New project-related disturbances within drainages and critical corridors would be avoided where practicable. Where the disturbances cannot be avoided, their locations would be selected to minimize environmental effects and maximize maintenance of the corridor as a single unit. Specific details associated with minimization of environmental effects and mitigation as appropriate, within identified big game wildlife corridors would be determined collaboratively with the BLM and BBC during the onsite process.

Migratory Birds

- Screens or other devices would be installed on the stacks and on other openings of heater-treaters or fired-vessels as directed by the BLM.
- BBC would remove any visible accumulation of other than *de minimis* oil from the drilling or workover pit immediately upon release of the drilling rig to reduce the potential of entrapping or poisoning migratory birds.

Raptors

- BBC would comply with BLM's approved RMP decisions involving raptor management (specifically decision WL-21) (BLM 2008a). Surveys conducted on private surface land would only occur at the discretion of the landowner.

Vegetation, Including Federally-listed Plant Species and Noxious and Invasive Species

- Reclamation actions outlined above would be implemented, or as directed by the BLM.
- BBC would aggressively identify, treat and control noxious and invasive plant species within the project area whose presence relates directly to oil and gas activities within the project area.
- BBC would implement their current Pesticide Use Proposal (PUP), on file with the BLM.

Human Health and Safety

- To protect and minimize the possibility of fires during construction, all equipment, including welding trucks, would be equipped with fire extinguishers and spark arresters.
- Where alignment of pipelines would cross or parallel roads, highways or waterways, BBC would provide warning signs to inform the public of the presence of the line.
- Vehicle users associated with the oil field would be instructed to travel at low speed and remain on existing roads and well pads at all times.
- Storage facilities may be fenced as determined necessary by the BLM during the onsite process.

Protection from Hazardous Materials Spills

- Collection pipelines would be designed to minimize potential for spills and leaks, including the following, where appropriate:
 - Stream banks would be stabilized with large, angular rock or wire-enclosed riprap.
 - Substrate layers should be replaced in the same order that they are removed.
 - Pipeline crossings of streams and any riparian areas would be at right angles to minimize the area of disturbance
 - Pipelines crossing live streams would be protected by automatic shutoff valves.
- Construction methods would provide for eliminating or minimize discharges of turbidity, sediment, organic matter or toxic chemicals. Settling basins or cofferdams may be utilized for this purpose.
- BBC would inform their employees, contractors and subcontractors of the potential impacts that can result from accidental spills as well as the appropriate actions to take if a spill occurs.
- No produced water would be discharged into surface water drainages or allowed to flow onto the ground surface.
- Notice of any reportable spill or leakage would be immediately reported by BBC, or their contractors/subcontractors as required by regulation. Oral notice would be given as soon as possible, but within no more than 24 hours. Oral notices would be confirmed in writing within 72 hours of any such occurrence.
- Any deviation of submitted APD's, which includes BBCs surface use plan, and ROW applications the operator will notify the BLM in writing and will receive written authorization of any such change with appropriate authorization.

General Conditions of Approval

- All operator employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's, COAs, and ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- Gamma Ray Log shall be run from Total Depth to Surface.
- To effectively protect useable water, cement for the long string is required to be brought 200 feet above the surface casing shoe.
- A bowl diverter system, which is connected and discharges to a panic or choke blooie line, shall be installed while drilling of the surface hole section.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each

encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well by CD (compact disc). This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of

the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of

Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU89682
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: FD FEDERAL 12-15-6-19
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2126 FSL 0784 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 15 Township: 06.0S Range: 19.0E Meridian: S		9. API NUMBER: 43047537170000
PHONE NUMBER: 303 312-8134 Ext		9. FIELD and POOL or WILDCAT: UNDESIGNATED
COUNTY: UINTAH		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"><input type="checkbox"/> ACIDIZE</div> <div style="width: 33%;"><input type="checkbox"/> ALTER CASING</div> <div style="width: 33%;"><input type="checkbox"/> CASING REPAIR</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE TUBING</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE WELL NAME</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE WELL STATUS</div> <div style="width: 33%;"><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</div> <div style="width: 33%;"><input type="checkbox"/> CONVERT WELL TYPE</div> <div style="width: 33%;"><input type="checkbox"/> DEEPEN</div> <div style="width: 33%;"><input type="checkbox"/> FRACTURE TREAT</div> <div style="width: 33%;"><input type="checkbox"/> NEW CONSTRUCTION</div> <div style="width: 33%;"><input type="checkbox"/> OPERATOR CHANGE</div> <div style="width: 33%;"><input type="checkbox"/> PLUG AND ABANDON</div> <div style="width: 33%;"><input type="checkbox"/> PLUG BACK</div> <div style="width: 33%;"><input type="checkbox"/> PRODUCTION START OR RESUME</div> <div style="width: 33%;"><input type="checkbox"/> RECLAMATION OF WELL SITE</div> <div style="width: 33%;"><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</div> <div style="width: 33%;"><input type="checkbox"/> REPERFORATE CURRENT FORMATION</div> <div style="width: 33%;"><input type="checkbox"/> SIDETRACK TO REPAIR WELL</div> <div style="width: 33%;"><input type="checkbox"/> TEMPORARY ABANDON</div> <div style="width: 33%;"><input type="checkbox"/> TUBING REPAIR</div> <div style="width: 33%;"><input type="checkbox"/> VENT OR FLARE</div> <div style="width: 33%;"><input type="checkbox"/> WATER DISPOSAL</div> <div style="width: 33%;"><input type="checkbox"/> WATER SHUTOFF</div> <div style="width: 33%;"><input type="checkbox"/> SI TA STATUS EXTENSION</div> <div style="width: 33%;"><input type="checkbox"/> WILDCAT WELL DETERMINATION</div> <div style="width: 33%;"><input type="checkbox"/> OTHER</div> </div>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 6/6/2014	
<input type="checkbox"/> DRILLING REPORT Report Date:	
OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Drilling Contractor: Triple A Drilling LLC. Rig #: TA 4037 Rig Type:
 Soilmec SR/30 Spud Date: 6/6/14 Spud Time: 8:00 AM Commence
 Drilling approximate start date: 7/1/14

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 June 10, 2014

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 6/9/2014	

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corp Rig Name/# CAPSTAR 330 Submitted
By Pat Clark Phone Number 303-353-5374
Well Name/Number FD Federal 12-15-6-19
Qtr/Qtr NW/SW Section 15 Township 6S Range 19E
Lease Serial Number UTU89382
API Number 43-047-53717-00-X1

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☒ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 7/29/2014 21:00 AM ☐ PM ☒

BOPE

- ☒ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time 7-30-14 21:00 AM ☐ PM ☒

Remarks Running 2000' of 9 5/8", 36#, J-55, ST&C csg. PLEASE CALL WITH ANY QUESTIONS

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corp Rig Name/# CAPSTAR 330 Submitted
By Ricky kuhr Phone Number 303-353-5374
Well Name/Number FD Federal 12-15-6-19
Qtr/Qtr NW/SW Section 15 Township 6S Range 19E
Lease Serial Number UTU89382
API Number 43-047-53717-00-X1

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing
- ☐ Intermediate Casing
- ☒ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 8/9/2014 11:00 AM ☒ PM ☐

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time _____ AM ☐ PM ☐

Remarks Running 9576' of 5.5", 17#, P-110, LT&C csg. PLEASE CALL WITH ANY QUESTIONS

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU89682
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: FD FEDERAL 12-15-6-19
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2126 FSL 0784 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 15 Township: 06.0S Range: 19.0E Meridian: S		9. API NUMBER: 43047537170000
PHONE NUMBER: 303 312-8134 Ext		9. FIELD and POOL or WILDCAT: UNDESIGNATED
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 8/31/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Attached is the August 2014 Drilling Activity for this well.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 03, 2014		
NAME (PLEASE PRINT) Christina Hirtler	PHONE NUMBER 303 312-8597	TITLE Administrative Assistant
SIGNATURE N/A	DATE 9/3/2014	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU89682
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: FD FEDERAL 12-15-6-19
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43047537170000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2126 FSL 0784 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 15 Township: 06.0S Range: 19.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/3/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="text-align: center; margin-top: 20px;"> THIS WELL HAD FIRST PRODUCTION ON 9/3/2014. </div> <div style="text-align: right; margin-top: 20px;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 09, 2014 </div>		
NAME (PLEASE PRINT) Brady Riley		PHONE NUMBER 303 312-8115
SIGNATURE N/A		TITLE Permit Analyst
		DATE 9/8/2014

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU89682
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: FD FEDERAL 12-15-6-19
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2126 FSL 0784 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 15 Township: 06.0S Range: 19.0E Meridian: S		9. API NUMBER: 43047537170000
PHONE NUMBER: 303 312-8134 Ext		9. FIELD and POOL or WILDCAT: UNDESIGNATED
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 9/30/2014	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Attached is the September 2014 Drilling Activity for this well.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 October 03, 2014

NAME (PLEASE PRINT) Christina Hirtler	PHONE NUMBER 303 312-8597	TITLE Administrative Assistant
SIGNATURE N/A	DATE 10/2/2014	

**FD 12-15-6-19 9/1/2014 06:00 - 9/2/2014 06:00**

API 43-047-53717	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,609.0	Primary Job Type Drilling & Completion
---------------------	----------------------	------------------	-----------------------------	--------------------------	-------------------------------	---

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.25	06:15	SMTG	Safety Meeting	AOL 04:30. PRIME UP CHEMS AND PUMPS. QC FLUIDS. PRESSURE TEST. HSM-SMOKING, RED ZONE, PPE, PERF GUNS, OVER HEAD LOADS PICKING UP AND LAYING DOWN GUNS MUSTER AREA.
06:15	1.25	07:30	FRAC	Frac. Job	<p>FRAC STG 1 PRESSURE TEST LINES TO 9500 PSI. OPEN WELL W/ 56 PSI AT 6:11 AM BREAK DOWN 3250 PSI AT 10.8 BPM. PMP 3900 GAL 15% HCL ACID W/ 102 BIO BALLS FOR DIVERSION. 10.1 BPM AT 2229 PSI. FLUSH W/ 8908 GAL. 29.6 BPM AT 2936 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL.</p> <p>STAGE FR PAD. STABLE RATE OF 69.9 BPM AT 4010 PSI. ISDP 2449 . FG .71. PERFS OPEN 31/51</p> <p>ISIP 2707, FG .73, MR 70.2 BPM, AR 69.8 BPM, MP 3881 PSI, AP 3633 PSI 100 MESH 13,750 lbs. 0.25 & 0.5 ppg 20/40 WHITE 135,500 lbs 2.0, 2.15-5 RAMP, 5 ppg SLK WTR 1997 BBL, 20# HYBOR G (14) 1038 BBL, BTR 3140 BBLS</p> <p>(STAGE SCORE 9, BROKE HYD HOSE ON MOVER DURING 5ppa STAGE. 20/40 SAND CUT SHORT, 90% OF DESIGN)</p> <p>SHUT IN AND TURN OVER TO CUTTERS.</p>
07:30	1.50	09:00	PFRT	Perforating	PERF STG #2- PU HES CFP 5 1/2" 10K CFP AND GUNS FOR STAGE 2 INTO LUBE AND EQUALIZE 2400 PSI. OPEN WELL AND RIH. CORRELATE TO SHORT JOINTS @ 8533'-8556'. RIH SET 5 1/2" CFP AT 9100' WITH 2375 PSI. PULL UP AND PERF BLACK SHALE & CASTLE PEAK 8698'-9080' WITH 45 HOLES IN 14' NET. ENDING PRESSURE 1650 PSI. POOH AND VERIFY ALL GUNS SHOT. SHUT IN AND TURN WELL OVER TO HES.
09:00	1.34	10:20	FRAC	Frac. Job	<p>FRAC STG 2 PRESSURE TEST LINES TO 9100 PSI. OPEN WELL W/ 1250 PSI AT 9:13 AM BREAK DOWN 4705 PSI AT 9.9 BPM. PMP 3400 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.0 BPM AT 2976 PSI. FLUSH W/ 8493 GAL. 29.4 BPM AT 3835 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL.</p> <p>STAGE FR PAD. STABLE RATE OF 69.4 BPM AT 4677 PSI. ISDP 2753 . FG .75. PERFS OPEN 27/45</p> <p>ISIP 3080 , FG .78, MR 71.3 BPM, AR 70.3 BPM, MP 5005 PSI, AP 4335 PSI 100 MESH 13,750 lbs. 0.25 & 0.5 ppg 20/40 WHITE 145,500 lbs 2.0, 2.15-5 RAMP, 5 ppg SLK WTR 1951 BBL, 20# HYBOR G (14) 1061 BBL, BTR 3104 BBLS</p> <p>(STAGE SCORE 10)</p> <p>SHUT IN AND TURN OVER TO CUTTERS.</p>
10:20	1.58	11:55	PFRT	Perforating	PERF STG #3- PU HES CFP 5 1/2" 10K CFP AND GUNS FOR STAGE 3 INTO LUBE AND EQUALIZE 2750 PSI. OPEN WELL AND RIH. CORRELATE TO SHORT JOINTS @ 8533'-8556' . RIH SET 5 1/2" CFP AT 8680' WITH 2600 PSI. PULL UP AND PERF DOUGLAS CREEK FORM 8281'-8660' WITH 45 HOLES IN 15' NET. ENDING PRESSURE 2550 PSI. POOH AND VERIFY ALL GUNS SHOT. SHUT IN AND TURN WELL OVER TO HES.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
11:55	1.50	13:25	FRAC	Frac. Job	<p>FRAC STG 3 PRESSURE TEST LINES TO 9200 PSI. OPEN WELL W/ 2508 PSI AT 12:12 AM BREAK DOWN 6050 PSI AT 10.0 BPM. PMP 3400 GAL 15% HCL ACID W/ 84 BIO BALLS FOR DIVERSION. 10.0 BPM AT 2926 PSI. FLUSH W/ 8086 GAL. 29.5 BPM AT 3568 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL.</p> <p>STAGE FR PAD. STABLE RATE OF 70.9 BPM AT 5304 PSI. ISDP 2797 . FG .78. PERFS OPEN 25/45</p> <p>ISIP 3174, FG .81, MR 72.2 BPM, AR 70.8 BPM, MP 5025 PSI, AP 4440 PSI 100 MESH 13,750 lbs. 0.25 & 0.5 ppg 20/40 WHITE 145,500 lbs 2.0, 2.15-5 RAMP, 5 ppg SLK WTR 1941 BBL, 20# HYBOR G (16) 960 BBL, BTR 2994 BBLs</p> <p>(STAGE SCORE 10)</p> <p>SHUT IN AND TURN OVER TO CUTTERS.</p>
13:25	1.58	15:00	PFRT	Perforating	<p>PERF STG #4- PU HES CFP 5 1/2" 10K CFP AND GUNS FOR STAGE 4 INTO LUBE AND EQUALIZE 2950 PSI. OPEN WELL AND RIH. CORRELATE TO SHORT JOINTS @ 7935'-7958'. RIH SET 5 1/2" CFP AT 8245' WITH 2800 PSI. PULL UP AND PERF TGR3 7986'-8225' WITH 42 HOLES IN 14' NET. ENDING PRESSURE 1600 PSI. POOH AND VERIFY ALL GUNS SHOT. SHUT IN AND TURN WELL OVER TO HES.</p>
15:00	1.25	16:15	FRAC	Frac. Job	<p>FRAC STG 4 PRESSURE TEST LINES TO 9200 PSI. OPEN WELL W/ 15:09 PSI AT 15:10 BREAK DOWN 2132 PSI AT 10.8 BPM. PMP 3400 GAL 15% HCL ACID W/ 84 BIO BALLS FOR DIVERSION. 10.2 BPM AT 2013 PSI. FLUSH W/ 7798 GAL. 29.6 BPM AT 3100 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL.</p> <p>STAGE FR PAD. STABLE RATE OF 70.1 BPM AT 3629 PSI. ISDP 1564 . FG .71. PERFS OPEN 27/42</p> <p>ISIP 2707 , FG .77, MR 71.1 BPM, AR 70.3 BPM, MP 5908 PSI, AP 4845 PSI 100 MESH 14,850 lbs. 0.25 & 0.5 ppg 20/40 WHITE 71,400 lbs 2.0, 2.15-4 RAMP SLK WTR 1959 BBL, 20# HYBOR G (16) 613 BBL, BTR 2654 BBLs</p> <p>LOST WTR DURING RAMP AT 4 ppg. LOST GET SUCTION RATE. TANK VOLUMES WERE NOT CONSOLIDATED. UNABLE TO GET SUCTION VOLUME OR RATE BACK. POOR WTR MANAGMENT. PUMPED 49% DESIGN OF 20/40 WHITE. (STAGE SCORE 5)</p> <p>SHUT IN WELL RDMO</p>
16:15	1.25	17:30	WLWK	Wireline	<p>KILL PLUG- PU 5-1/2" HES PLUG AND SETTING TOOLS INTO LUBE. EQUALIZE 2450 PSI. RIH AND SET KILL PLUG AT 7864' WITH 2400 PSI. BLEED OFF AS POOH.</p>
17:30	12.50	06:00	SRIG	Rig Up/Down	RDMO HES AND CUTTERS. WELL SHUT IN AND SECURE.

FD 12-15-6-19 9/2/2014 06:00 - 9/3/2014 06:00

API 43-047-53717	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,609.0	Primary Job Type Drilling & Completion
---------------------	----------------------	------------------	-----------------------------	--------------------------	-------------------------------	---

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	SMTG	Safety Meeting	NABORS SAFETY MTG, CREW TRAVEL.
08:30	0.50	09:00	RMOV	Rig Move	ROAD RIG TO LOCATION FROM 3-30D-2-2.
09:00	3.00	12:00	SRIG	Rig Up/Down	ND FRAC VALVES. NU BOP. SPOT IN AND RUSU.
12:00	1.00	13:00	GOP	General Operations	SPOT IN CATWALK AND PIPE RACKS. UNLOAD 306-JTS 2-7/8" L-80 TBG.
13:00	3.50	16:30	RUTB	Run Tubing	MU 4-3/4" BIT, POBS, 1-JT, 2.31 XN, AND RIH AS PU TBG.
16:30	0.75	17:15	SRIG	Rig Up/Down	RU DRLG EQUIP
17:15	0.75	18:00	PTST	Pressure Test	FILL TBG. PRES TEST BOP AND LINES TO 2500 PSI.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
18:00	1.00	19:00	DOPG	Drill Out Plugs	EST CIRC. HOLD BACK 1500 PSI BACK PRESSURE. CBP #1 AT 7864'. 0' FILL. D/O IN 5 MIN. FCP 1200 PSI ON 24/64" CHOKE. CIRC CLEAN. TURN OVER TO FBC AND PRODUCTION FOR NIGHT.
19:00	11.00	06:00	FBCK	Flowback Well	CREW TRAVEL. WELL FLOWING OVER NIGHT.

FD 12-15-6-19 9/3/2014 06:00 - 9/4/2014 06:00

API 43-047-53717	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,609.0	Primary Job Type Drilling & Completion
---------------------	----------------------	------------------	-----------------------------	--------------------------	-------------------------------	---

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HSM. WELL FLOWING TO TREATER, 55 PSI ON 30/64" CHOKE.
07:00	4.00	11:00	DOPG	Drill Out Plugs	CONT RIH AS D/O PLUGS CBP #2 AT 8245'. 30' SAND. D/O IN 12 MIN. FCP 1400 PSI ON 24/64" CHOKE. CBP #3 AT 8680'. 35' SAND. D/O IN 10 MIN. FCP 1250 PSI ON 24/64" CHOKE. CBP #4 AT 9100'. 40' SAND. D/O IN 13 MIN. FCP 1500 PSI ON 24/64" CHOKE. PBTD. C/O 35' FILL TO FC AT 9489'. D/O 30' CMT TO 9512' FOR PBTD. CIRC CLEAN.
11:00	1.00	12:00	SRIG	Rig Up/Down	RD PWR SWIVEL. HAVE FLOW UP TBG. PUMP DOWN TBG AT 3 AND 4 BPM TO CLEAR STRING FLOAT. NO SUCCESS.
12:00	5.00	17:00	WLWK	Wireline	CALL FOR AND WAIT ON XN PLUG. MIRU DELSCO. RIH W/ 2.31 XN PUMP THRU PLUG. RIH AS SET IN XN NIPPLE.
17:00	1.00	18:00	PULT	Pull Tubing	POOH AS LD 52-JTS TBG. PU HANGER. LUBE IN AND LAND HANGER. TBG DETAIL KB 13.00 HANGER .85 247-JTS 2-7/8" L-80 7826.94 XN NIPPLE .79 1-JT 2-7/8" L-80 31.69 POBS (WITH BIT) 2.00 EOT 7875.27'
18:00	1.00	19:00	BOPR	Remove BOP's	RD FLOOR. ND BOP. NU WH. PLUMB IN LINES. RELEASE RIG CREW.
19:00	2.00	21:00	WLWK	Wireline	PUMP DOWN TBG TO EQUALIZE. RU DELSCO. RIH AND RETRIEVE XN PLUG.
21:00	9.00	06:00	FBCK	Flowback Well	WELL TURNED OVER TO FBC AND PRODUCTION. SITP 1200 PSI. FCP 1200 ON 16/64" CHOKE. SICP 1150 PSI.

FD 12-15-6-19 9/8/2014 06:00 - 9/9/2014 06:00

API 43-047-53717	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,609.0	Primary Job Type Drilling & Completion
---------------------	----------------------	------------------	-----------------------------	--------------------------	-------------------------------	---

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HSM.
07:00	2.00	09:00	HOIL	Hot Oil Well	PUMP 200 BBLS DOWN TBG.
09:00	0.50	09:30	BOPI	Install BOP's	ND WH. NU BOP. RU FLOOR. PULL HANGER.
09:30	1.00	10:30	RUTB	Run Tubing	RIH AS PU 52-JTS TBG TO TAG AT 9512' (PBTD, NO SAND).
10:30	3.00	13:30	PULT	Pull Tubing	POOH WITH TBG. LD XN, POBS (FLOAT STUCK OPEN), AND BIT.
13:30	2.00	15:30	RUTB	Run Tubing	MU PROD BHA AND RIH W/ TBG.
15:30	1.00	16:30	DTIM	Downtime	R&M RIG. DISK ASSIST.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
16:30	0.50	17:00	RUTB	Run Tubing	CONT RIH W/ TBG. SET 5-1/2" 8RD TAC. TBG DETAIL KB 13.00 HANGER .85 STRETCH 3.36 287-JTS 2-7/8" L-80 9095.03 5-1/2" 8RD TAC 2.75 3-JTS 2-7/8" L-80 95.07 PSN 1.10 4' TBG SUB 4.10 3-1/2" DESANDER 17.10 5-JTS 2-7/8" L-80 158.45 BULL PLUG .75 TAC AT 9111.63', PSN AT 9207.80', EOT AT 9388.20'.
17:00	1.50	18:30	BOPR	Remove BOP's	RD FLOOR. ND BOP. NU WH. X-O FOR RODS. PREP RODS. SDFN
18:30	11.50	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SHUT IN AND SECURE.

FD 12-15-6-19 9/9/2014 06:00 - 9/10/2014 06:00

API 43-047-53717	State/Province UT	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 9,609.0	Primary Job Type Drilling & Completion
---------------------	----------------------	------------------	-----------------------------	--------------------------	-------------------------------	---

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HSM. FLUSH TBG W/ 60 BBLS HOT WTR.
07:00	4.50	11:30	RURP	Run Rods & Pump	PU AND PRIME PUMP. RIH W/ PMP AS PU RODS. SPACE OUT AND SEAT PUMP. ROD DETAIL 1-1/2" X 30' POLISH ROD 4' X 1" PONY RODS 113) 1" D 4 PER 113) 7/8" D 4 PER 105) 3/4" D 4 PER 36) 1" D 4 PER SHEAR CPLG 25-175-RHBS-20-5-21-24 PUMP.
11:30	0.50	12:00	PTST	Pressure Test	FILL TBG W/ BBLS. STROKE TEST PUMP TO 800 PSI. GOOD.
12:00	2.50	14:30	SRIG	Rig Up/Down	HANG HEAD AND RODS ON. RDSU. PWOP.
14:30	15.50	06:00	GOP	General Operations	MOVE OFF. WELL ON PRODUCTION.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU89682
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FD FEDERAL 12-15-6-19	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047537170000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8134 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2126 FSL 0784 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 15 Township: 06.0S Range: 19.0E Meridian: S	COUNTY: UINTAH	
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="SSD"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/5/2014			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

ATTACHED PLEASE FIND THE SITE FACILITY DIAGRAM/SITE SECURITY.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 November 10, 2014

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A		DATE 11/5/2014

Sundry Number: 57479 API Well Number: 43047537170000

BILL BARRETT CORPORATION

FD Federal 12-15-6-19

Lot 8, NWSW SEC.15,T6S, R19E,

Lease # UTU89382

API # 43-047-53717

Uintah Co. Utah

Site Security Plan Located at
Bill Barrett Corporation
Roosevelt Office
ROUTE 3 BOX 3110
1820 W HIGHWAY 40
ROOSEVELT, UT 84066

1 - 4" LOAD LINE

Production Phase – sealed closed

Sales Phase- open to load Production bought

2 – 3" OIL LINES

Production Phase – open

Sales Phase – sealed close

3 – 4" DRAIN

Production Phase – sealed closed

Sales Phase – sealed closed

Drain water – open

4 – 4" UPPER EQUALIZER

Production Phase – open

Sales Phase – sealed closed

5 – BYPASS

6 – 3" WATER LINES

Production Phase – open

No Sales Phase

7- 2" RECYCLE

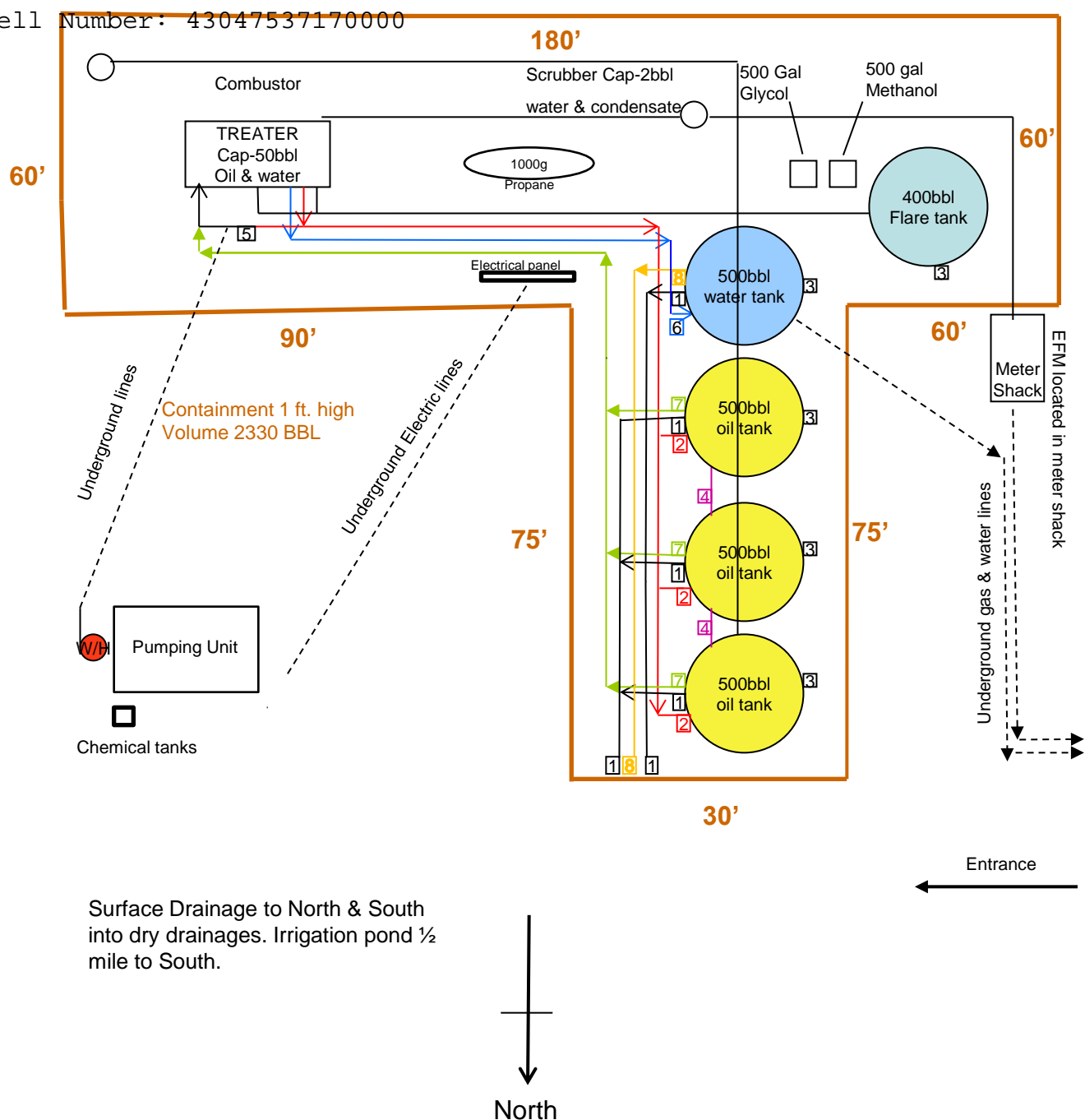
Production – open

Sales – sealed closed

8- 2" WATER TANK SKIM

Not sealed

- PRV, RUPTURE DISC & FLARE LINES- tie in to flare tank
for emergency pressure relief of treater



RECEIVED: Nov. 03, 2014

28b. Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(*Sold, used for fuel, vented, etc.*)
SOLD

30. Summary of Porous Zones (Include Aquifers):					31. Formation (Log) Markers	
Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.						
Formation	Top	Bottom	Descriptions, Contents, etc.		Name	Top Meas. Depth
					GREEN RIVER MAHOGANY DOUGLAS CREEK CASTLE PEAK UTELAND BUTTE WASATCH	5670 6779 8140 8696 8974 9493

32. Additional remarks (include plugging procedure):
TOC was calculated by CBL, Conductor was cemented with grout. Attaches is the treatment data and logs. First gas was on 9/3/2014, first oil sales 9/10/2014.

33. Circle enclosed attachments:			
1. Electrical/Mechanical Logs (1 full set req'd.)	2. Geologic Report	3. DST Report	4. Directional Survey
5. Sundry Notice for plugging and cement verification	6. Core Analysis	7 Other:	

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #267766 Verified by the BLM Well Information System.
For BILL BARRETT CORPORATION, sent to the Vernal
Committed to AFMSS for processing by JOHNETTA MAGEE on 10/15/2014 (15JM0184SE)

Name(*please print*) CHRISTINA HIRTLE Title PERMIT ANALYST

Signature (Electronic Submission) Date 10/02/2014

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

RECEIVED: Nov. 03, 2014

FD 12-15-6-19 Report Continued*

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)				
AMOUNT AND TYPE OF MATERIAL				
<u>Stage</u>	<u>bbls Slurry</u>	<u>lbs Common White 100 Mesh Sand</u>	<u>lbs 20/40 Premium White</u>	<u>gal 15% HCl Acid</u>
1	3140	13,750	135,500	4,400
2	3105	13,750	145,500	3,900
3	2994	13,750	145,500	3,900
4	2654	14,850	71,400	3,400

*Depth intervals for frac information same as perforation record intervals.



Payzone Directional

End of Well Report



Company:	Bill Barrett Corporation	Local Co-ordinate Reference:	Well FD Federal 12-15-6-19
Project:	Fort Duchesne	TVD Reference:	FD Federal 12-15-6-19 @ 5195.0usft (CAPSTAR 330)
Site:	SECTION 15 T6S, R19E	MD Reference:	FD Federal 12-15-6-19 @ 5195.0usft (CAPSTAR 330)
Well:	FD Federal 12-15-6-19	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM 5000.1 Single User Db

Project		Fort Duchesne	
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Southern Zone		

Site		SECTION 15 T6S, R19E			
Site Position:		Northing:		11,169,207.33 usft	
From:		Easting:		2,121,762.16 usft	
Position Uncertainty:		Slot Radius:		13-3/16 "	
Lat/Long		Latitude:		40° 17' 48.000 N	
0.0 usft		Longitude:		109° 46' 33.270 W	
		Grid Convergence:		1.06 °	

Well	FD Federal 12-15-6-19, SHL: 40° 17' 48.000 -109° 46' 33.270					
Well Position	+N/-S	0.0 usft	Northing:	11,169,207.33 usft	Latitude:	40° 17' 48.000 N
	+E/-W	0.0 usft	Easting:	2,121,762.16 usft	Longitude:	109° 46' 33.270 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	5,195.0 usft	Ground Level:	5,182.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	7/18/2014	10.83	65.98	52,143

Design	Actual				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)		+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0		0.0	0.0	122.50

Survey Program		Date	8/14/2014		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
114.0	9,609.0	Survey #1 (Wellbore #1)	MWD	MWD v3:standard declination	



Payzone Directional

End of Well Report



Company:	Bill Barrett Corporation	Local Co-ordinate Reference:	Well FD Federal 12-15-6-19
Project:	Fort Duchesne	TVD Reference:	FD Federal 12-15-6-19 @ 5195.0usft (CAPSTAR 330)
Site:	SECTION 15 T6S, R19E	MD Reference:	FD Federal 12-15-6-19 @ 5195.0usft (CAPSTAR 330)
Well:	FD Federal 12-15-6-19	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM 5000.1 Single User Db

Survey									
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
114.0	0.31	16.63	114.0	-0.1	0.3	0.1	0.27	0.27	0.00
177.0	0.18	305.79	177.0	-0.2	0.5	0.1	0.48	-0.21	-112.44
238.0	0.31	354.79	238.0	-0.4	0.7	0.0	0.39	0.21	80.33
298.0	0.40	321.30	298.0	-0.7	1.1	-0.2	0.37	0.15	-55.82
361.0	0.40	278.30	361.0	-1.1	1.3	-0.5	0.47	0.00	-68.25
421.0	0.31	337.21	421.0	-1.5	1.4	-0.8	0.60	-0.15	98.18
482.0	0.31	306.00	482.0	-1.8	1.7	-1.0	0.27	0.00	-51.16
574.0	0.57	25.51	574.0	-2.1	2.3	-1.0	0.65	0.28	86.42
664.0	0.75	50.95	664.0	-1.9	3.0	-0.4	0.38	0.20	28.27
755.0	0.44	65.06	755.0	-1.6	3.6	0.4	0.37	-0.34	15.51
846.0	0.57	45.20	846.0	-1.3	4.0	1.1	0.24	0.14	-21.82
932.0	0.40	39.70	932.0	-1.1	4.6	1.6	0.20	-0.20	-6.40
1,017.0	0.18	33.07	1,017.0	-1.1	4.9	1.8	0.26	-0.26	-7.80
1,103.0	0.18	195.88	1,103.0	-1.1	4.9	1.9	0.41	0.00	189.31
1,188.0	0.09	224.14	1,188.0	-1.0	4.7	1.8	0.13	-0.11	33.25
1,276.0	0.22	358.57	1,276.0	-1.1	4.8	1.7	0.33	0.15	152.76
1,362.0	0.26	16.32	1,362.0	-1.3	5.2	1.8	0.10	0.05	20.64
1,448.0	0.22	349.82	1,448.0	-1.5	5.5	1.8	0.14	-0.05	-30.81
1,536.0	0.21	41.83	1,536.0	-1.5	5.8	1.9	0.21	-0.01	59.10
1,621.0	0.18	176.94	1,621.0	-1.4	5.8	2.0	0.42	-0.04	158.95
1,707.0	0.18	107.82	1,707.0	-1.2	5.6	2.1	0.24	0.00	-80.37
1,796.0	0.26	178.44	1,796.0	-1.0	5.4	2.3	0.30	0.09	79.35
1,885.0	0.40	154.05	1,885.0	-0.6	4.9	2.4	0.22	0.16	-27.40
1,931.0	0.42	129.86	1,931.0	-0.3	4.6	2.6	0.38	0.04	-52.59
2,042.0	0.40	153.43	2,042.0	0.4	4.0	3.1	0.15	-0.02	21.23
2,128.0	0.62	152.73	2,128.0	1.1	3.3	3.4	0.26	0.26	-0.81



Payzone Directional

End of Well Report



Company:	Bill Barrett Corporation	Local Co-ordinate Reference:	Well FD Federal 12-15-6-19
Project:	Fort Duchesne	TVD Reference:	FD Federal 12-15-6-19 @ 5195.0usft (CAPSTAR 330)
Site:	SECTION 15 T6S, R19E	MD Reference:	FD Federal 12-15-6-19 @ 5195.0usft (CAPSTAR 330)
Well:	FD Federal 12-15-6-19	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM 5000.1 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	
2,213.0	0.49	151.32	2,213.0	1.8	2.6	3.8	0.15	-0.15	-1.66	
2,300.0	1.10	7.82	2,300.0	1.8	3.1	4.1	1.75	0.70	-164.94	
2,385.0	1.19	354.34	2,384.9	0.9	4.8	4.1	0.33	0.11	-15.86	
2,471.0	1.10	349.14	2,470.9	-0.2	6.5	3.9	0.16	-0.10	-6.05	
2,557.0	1.10	339.13	2,556.9	-1.4	8.1	3.4	0.22	0.00	-11.64	
2,642.0	0.88	345.83	2,641.9	-2.6	9.5	3.0	0.29	-0.26	7.88	
2,733.0	0.49	348.91	2,732.9	-3.3	10.5	2.7	0.43	-0.43	3.38	
2,818.0	0.62	343.14	2,817.9	-3.9	11.3	2.5	0.17	0.15	-6.79	
2,904.0	0.49	319.35	2,903.9	-4.7	12.1	2.2	0.30	-0.15	-27.66	
2,990.0	0.40	287.22	2,989.9	-5.3	12.4	1.6	0.30	-0.10	-37.36	
3,075.0	0.31	279.11	3,074.9	-5.8	12.6	1.1	0.12	-0.11	-9.54	
3,162.0	0.31	254.43	3,161.9	-6.2	12.5	0.7	0.15	0.00	-28.37	
3,247.0	0.62	264.44	3,246.9	-6.7	12.4	0.0	0.38	0.36	11.78	
3,333.0	0.71	253.95	3,332.9	-7.4	12.2	-1.0	0.18	0.10	-12.20	
3,419.0	0.71	244.34	3,418.9	-8.0	11.9	-2.0	0.14	0.00	-11.17	
3,505.0	0.49	260.12	3,504.9	-8.6	11.6	-2.8	0.32	-0.26	18.35	
3,590.0	0.62	252.45	3,589.8	-9.2	11.4	-3.6	0.18	0.15	-9.02	
3,675.0	0.62	268.45	3,674.8	-9.8	11.2	-4.5	0.20	0.00	18.82	
3,761.0	0.62	252.14	3,760.8	-10.5	11.0	-5.4	0.20	0.00	-18.97	
3,846.0	0.49	245.14	3,845.8	-11.0	10.8	-6.2	0.17	-0.15	-8.24	
3,933.0	0.88	245.22	3,932.8	-11.6	10.3	-7.1	0.45	0.45	0.09	
4,019.0	0.88	256.55	4,018.8	-12.4	9.9	-8.4	0.20	0.00	13.17	
4,104.0	0.88	263.51	4,103.8	-13.3	9.7	-9.7	0.13	0.00	8.19	
4,190.0	0.80	270.12	4,189.8	-14.4	9.6	-10.9	0.15	-0.09	7.69	
4,275.0	0.71	257.34	4,274.8	-15.2	9.5	-12.0	0.22	-0.11	-15.04	
4,363.0	0.71	259.81	4,362.8	-16.0	9.3	-13.1	0.03	0.00	2.81	
4,448.0	0.62	271.93	4,447.8	-16.8	9.2	-14.1	0.20	-0.11	14.26	



Payzone Directional

End of Well Report



Company:	Bill Barrett Corporation	Local Co-ordinate Reference:	Well FD Federal 12-15-6-19
Project:	Fort Duchesne	TVD Reference:	FD Federal 12-15-6-19 @ 5195.0usft (CAPSTAR 330)
Site:	SECTION 15 T6S, R19E	MD Reference:	FD Federal 12-15-6-19 @ 5195.0usft (CAPSTAR 330)
Well:	FD Federal 12-15-6-19	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM 5000.1 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	
4,534.0	0.62	244.34	4,533.8	-17.4	9.0	-15.0	0.34	0.00	-32.08	
4,619.0	0.71	253.02	4,618.8	-18.0	8.6	-15.9	0.16	0.11	10.21	
4,706.0	0.62	236.32	4,705.8	-18.6	8.2	-16.8	0.24	-0.10	-19.20	
4,791.0	0.80	232.84	4,790.8	-19.0	7.6	-17.6	0.22	0.21	-4.09	
4,876.0	0.88	242.62	4,875.7	-19.5	7.0	-18.7	0.19	0.09	11.51	
4,962.0	0.88	284.71	4,961.7	-20.5	6.8	-19.9	0.73	0.00	48.94	
5,048.0	0.80	276.64	5,047.7	-21.6	7.1	-21.1	0.17	-0.09	-9.38	
5,134.0	0.88	314.54	5,133.7	-22.8	7.6	-22.2	0.64	0.09	44.07	
5,220.0	1.19	333.93	5,219.7	-24.2	8.9	-23.1	0.54	0.36	22.55	
5,307.0	1.19	352.22	5,306.7	-25.6	10.6	-23.6	0.43	0.00	21.02	
5,393.0	1.10	6.01	5,392.7	-26.5	12.3	-23.6	0.34	-0.10	16.03	
5,524.0	0.80	29.43	5,523.7	-27.1	14.3	-23.1	0.37	-0.23	17.88	
5,613.0	0.88	34.85	5,612.6	-27.1	15.4	-22.4	0.13	0.09	6.09	
5,698.0	0.88	63.71	5,697.6	-26.8	16.2	-21.4	0.52	0.00	33.95	
5,783.0	0.49	87.73	5,782.6	-26.1	16.5	-20.4	0.56	-0.46	28.26	
5,871.0	1.02	196.84	5,870.6	-25.6	15.8	-20.3	1.44	0.60	123.99	
5,950.0	2.30	200.45	5,949.6	-25.1	13.6	-21.1	1.62	1.62	4.57	
6,035.0	3.09	214.11	6,034.5	-24.8	10.2	-22.9	1.19	0.93	16.07	
6,120.0	2.52	184.63	6,119.4	-24.0	6.4	-24.4	1.80	-0.67	-34.68	
6,210.0	1.41	115.23	6,209.4	-22.0	3.9	-23.5	2.68	-1.23	-77.11	
6,296.0	1.90	101.61	6,295.3	-19.6	3.2	-21.2	0.73	0.57	-15.84	
6,381.0	1.59	104.74	6,380.3	-17.1	2.6	-18.7	0.38	-0.36	3.68	
6,466.0	1.59	100.95	6,465.2	-14.9	2.1	-16.4	0.12	0.00	-4.46	
6,552.0	1.99	99.32	6,551.2	-12.4	1.6	-13.7	0.47	0.47	-1.90	
6,637.0	1.90	92.22	6,636.2	-9.9	1.3	-10.8	0.30	-0.11	-8.35	
6,724.0	1.81	94.51	6,723.1	-7.4	1.2	-8.0	0.13	-0.10	2.63	
6,812.0	1.90	98.22	6,811.1	-4.9	0.9	-5.2	0.17	0.10	4.22	



Payzone Directional

End of Well Report



Company:	Bill Barrett Corporation	Local Co-ordinate Reference:	Well FD Federal 12-15-6-19
Project:	Fort Duchesne	TVD Reference:	FD Federal 12-15-6-19 @ 5195.0usft (CAPSTAR 330)
Site:	SECTION 15 T6S, R19E	MD Reference:	FD Federal 12-15-6-19 @ 5195.0usft (CAPSTAR 330)
Well:	FD Federal 12-15-6-19	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM 5000.1 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	
6,898.0	1.41	100.64	6,897.0	-2.6	0.5	-2.8	0.58	-0.57	2.81	
6,987.0	1.59	104.52	6,986.0	-0.4	-0.1	-0.5	0.23	0.20	4.36	
7,072.0	1.81	106.32	7,071.0	2.0	-0.7	1.9	0.27	0.26	2.12	
7,158.0	1.59	110.11	7,156.9	4.5	-1.5	4.4	0.29	-0.26	4.41	
7,243.0	0.71	167.05	7,241.9	6.0	-2.4	5.6	1.58	-1.04	66.99	
7,328.0	0.88	157.62	7,326.9	6.9	-3.6	6.0	0.25	0.20	-11.09	
7,413.0	0.88	150.92	7,411.9	8.0	-4.7	6.5	0.12	0.00	-7.88	
7,500.0	1.02	129.15	7,498.9	9.4	-5.8	7.5	0.44	0.16	-25.02	
7,586.0	1.02	133.25	7,584.9	10.9	-6.8	8.6	0.08	0.00	4.77	
7,671.0	1.10	122.14	7,669.8	12.5	-7.8	9.8	0.26	0.09	-13.07	
7,756.0	1.41	118.62	7,754.8	14.3	-8.7	11.5	0.38	0.36	-4.14	
7,845.0	1.19	117.74	7,843.8	16.3	-9.6	13.2	0.25	-0.25	-0.99	
7,930.0	1.68	119.72	7,928.8	18.5	-10.7	15.1	0.58	0.58	2.33	
8,016.0	1.59	119.15	8,014.7	20.9	-11.9	17.2	0.11	-0.10	-0.66	
8,101.0	1.19	120.51	8,099.7	23.0	-12.9	19.0	0.47	-0.47	1.60	
8,187.0	1.02	106.54	8,185.7	24.6	-13.6	20.5	0.37	-0.20	-16.24	
8,273.0	1.41	101.21	8,271.7	26.3	-14.0	22.3	0.47	0.45	-6.20	
8,359.0	1.10	107.12	8,357.7	28.1	-14.4	24.1	0.39	-0.36	6.87	
8,445.0	1.10	117.91	8,443.6	29.7	-15.1	25.6	0.24	0.00	12.55	
8,530.0	1.28	103.94	8,528.6	31.4	-15.7	27.3	0.40	0.21	-16.44	
8,616.0	1.41	108.13	8,614.6	33.4	-16.2	29.2	0.19	0.15	4.87	
8,701.0	1.19	117.65	8,699.6	35.3	-17.0	31.0	0.36	-0.26	11.20	
8,786.0	1.59	105.84	8,784.6	37.3	-17.7	32.9	0.58	0.47	-13.89	
8,872.0	1.68	116.24	8,870.5	39.7	-18.6	35.2	0.36	0.10	12.09	
8,957.0	1.68	124.04	8,955.5	42.2	-19.8	37.3	0.27	0.00	9.18	
9,044.0	1.81	120.25	9,042.4	44.8	-21.3	39.6	0.20	0.15	-4.36	
9,131.0	1.99	121.75	9,129.4	47.7	-22.7	42.1	0.21	0.21	1.72	



Payzone Directional

End of Well Report



Company:	Bill Barrett Corporation	Local Co-ordinate Reference:	Well FD Federal 12-15-6-19
Project:	Fort Duchesne	TVD Reference:	FD Federal 12-15-6-19 @ 5195.0usft (CAPSTAR 330)
Site:	SECTION 15 T6S, R19E	MD Reference:	FD Federal 12-15-6-19 @ 5195.0usft (CAPSTAR 330)
Well:	FD Federal 12-15-6-19	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM 5000.1 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	
9,216.0	1.99	123.42	9,214.3	50.6	-24.3	44.5	0.07	0.00	1.96	
9,301.0	1.90	130.91	9,299.3	53.5	-26.1	46.8	0.32	-0.11	8.81	
9,386.0	1.90	141.71	9,384.2	56.2	-28.1	48.8	0.42	0.00	12.71	
9,472.0	2.39	139.95	9,470.2	59.3	-30.6	50.8	0.57	0.57	-2.05	
9,557.0	2.30	137.40	9,555.1	62.6	-33.2	53.1	0.16	-0.11	-3.00	
9,609.0	2.30	137.40	9,607.1	64.6	-34.7	54.5	0.00	0.00	0.00	

Checked By: _____ Approved By: _____ Date: _____

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU89682			
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:			
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: FD FEDERAL 12-15-6-19			
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43047537170000			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2126 FSL 0784 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 15 Township: 06.0S Range: 19.0E Meridian: S		9. FIELD and POOL or WILDCAT: UNDESIGNATED COUNTY: Uintah STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/26/2014 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: INTERIM REC COMPLETE </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: INTERIM REC COMPLETE
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: INTERIM REC COMPLETE			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. INTERIM RECLAMATION WAS COMPLETED AND THE PIT WAS CLOSED ON 11/26/2014.					
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 08, 2015					
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst			
SIGNATURE N/A	DATE 1/6/2015				